

LAWRENCE BROTHERS

STERLING, ILL.

CATALOGUE No. 10



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Catalogue No. Ten

Lawrence Brothers

JOHN H. LAWRENCE, EDWIN F. LAWRENCE

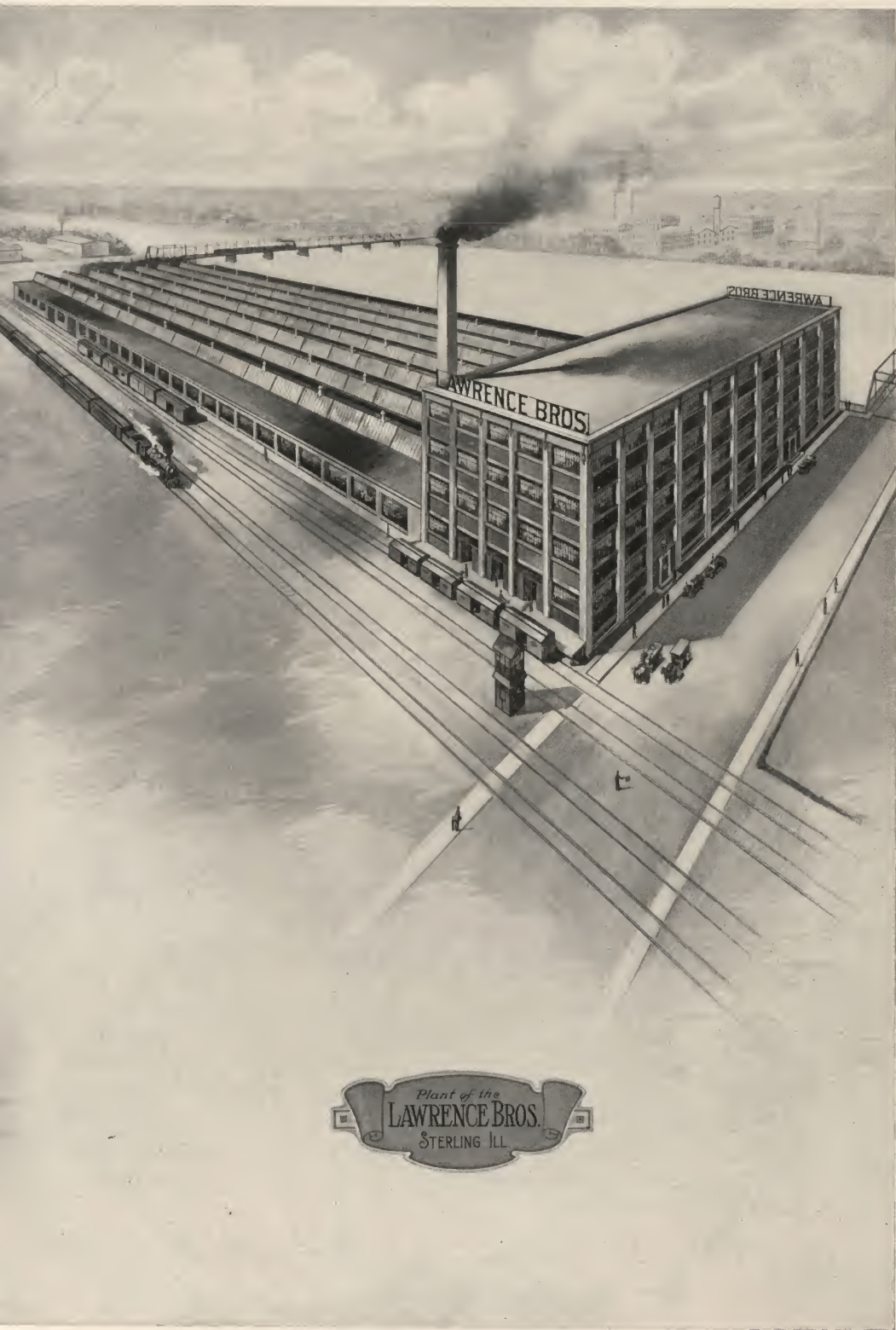
Manufacturers of

Barn and Parlor Door Hangers
Track, Wrought Steel Butts
Strap and T Hinges and
Other Builders
Hardware

First Avenue Bridge,
Sterling, Illinois
U . S . A



River view of
LAWRENCE BROS.
STERLING ILL.



Plant of the
LAWRENCE BROS.
STERLING ILL.

To the Trade

We take pleasure in presenting catalog No. 10, which shows a larger and more complete line than any previous issue.

New Factory

We wish to call attention to our new factory which we have erected at the foot of First Avenue in Sterling. The manufacturing plant is a ground floor building 450 x 160 feet, with a saw-tooth roof which gives absolute daylight throughout. The machinery is so arranged that all lost motion is eliminated in moving the product from one machine to another in its course through the factory.

The warehouse section of the factory is a five-story building 163 x 83 feet, the second floor of which is devoted to the office and shipping room.

The entire structure throughout is of re-inforced concrete construction, absolutely fire-proof, no woodwork of any kind having been used. With 140,000 square feet of floor space, and the new machinery which has been added and systematically arranged, we shall be able to add many more items to our line, and also be able to ship orders for regular and special goods more promptly than ever before.

We shall be very glad to show our customers and friends through the factory at any time they may find it convenient to visit us.

New Goods

Among the new articles already added to the line and illustrated in this catalogue, we desire to call your special attention to the following: No's 30½, 31 and 32 Trolley Hangers, Accordion Door Hanger, Beveled Edge Surface Hinges and Butts, Safety Hasps, Cellar Window Sets, Swinging Harness Hooks, Diamond Pattern Hooks and Staples, Sash Locks, Cupboard Catches, Corner Irons, and Rolled Plate Hinges.

Prices and Terms

All inquiries will be given immediate attention and we shall be glad to quote prices on anything listed in this catalog, or on special goods.

Wherever possible, we ship mail orders the same day they are received, and express shipments always go out on the first express following receipt of order, unless the goods have to be specially made or finished.

Our terms are 60 days net, two per cent off for cash in ten days from date of invoice, payable in Chicago or New York Exchange. All accounts are subject to sight draft if not paid when due.

We do not sell to catalogue houses.

Finishes and their Abbreviations

O C	.....	Old Copper
O C S	.....	Old Copper Sand Finish
D B	.....	Dull Brass
O B	.....	Oxidized Brass
O B S	.....	Oxidized Brass Sand Finish
B B	.....	Buffed or Bright Brass
N	.....	Nickel
Bz	.....	Bronze
D	.....	Dipped Dead Black
D E	.....	Dead Black Electroplate
R C	.....	Royal Copper
J	.....	Japanned
G	.....	Galvanized

NOTE:—Lemon Brass and Dull Brass are synonymous.

Above finishes are regularly carried in stock.

Special finishes can be furnished on short notice.

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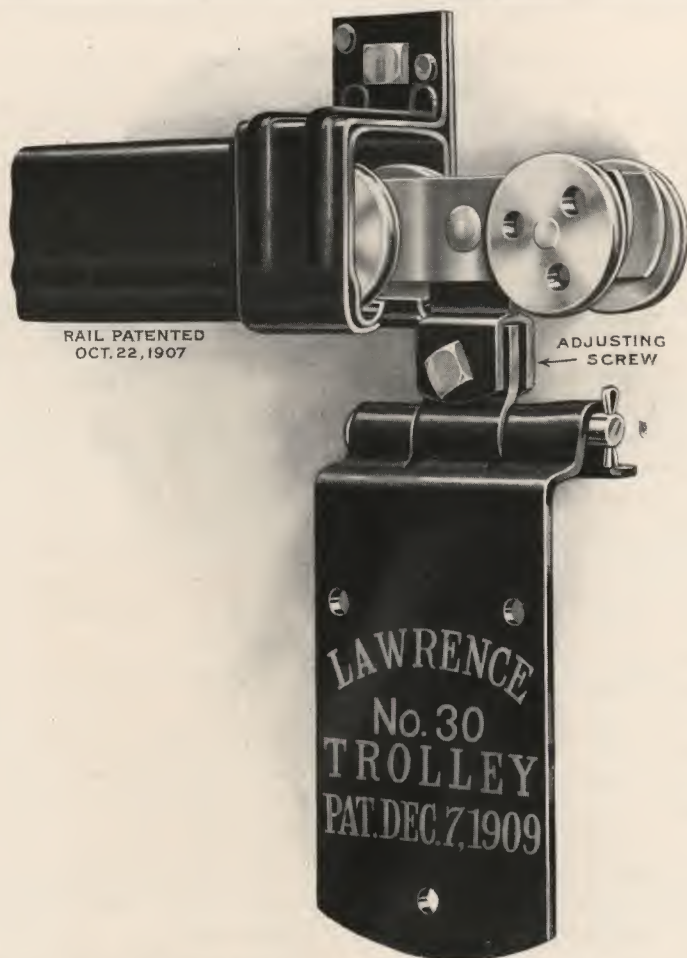
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No. 30 Trolley Barn Door Hanger

All Steel

The No. 30 Lawrence Trolley Hanger is the result of much study and many years of experimenting and is designed to avoid the faults found in other hangers and to give the trade a hanger that will give universal satisfaction.

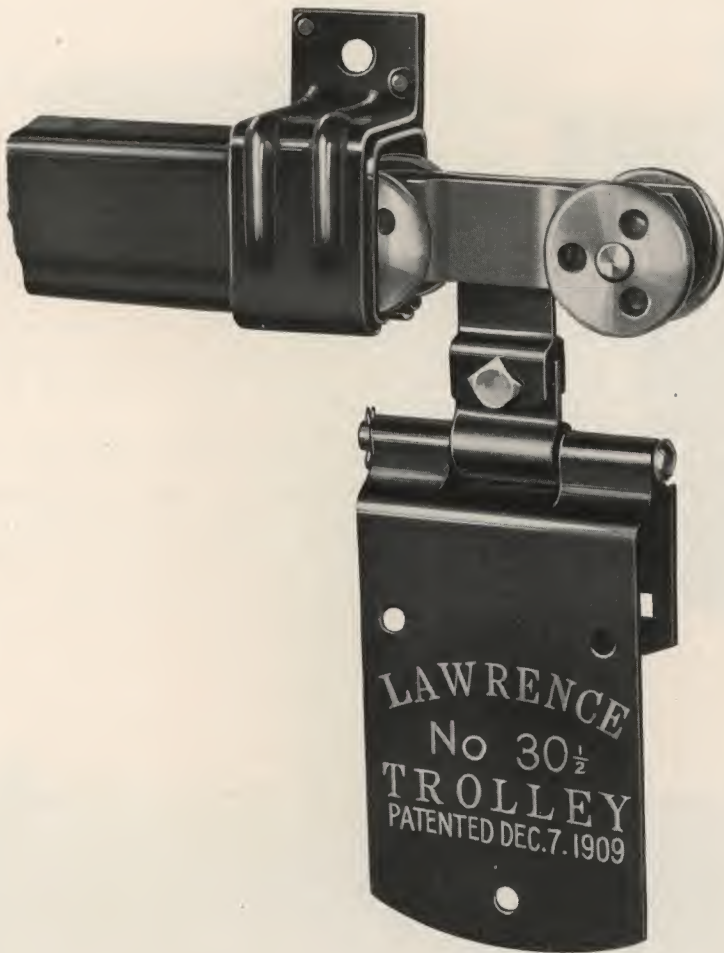
This new hanger is the easiest running and the nearest to being frictionless of any hanger made. The axles connecting the lathe turned steel wheels on each end of the truck run on long roller bearings ($\frac{5}{8}$ " long) and the off-set in the rail keeps the wheels from touching the sides.

With the tandem truck, the steel wheels, the $\frac{3}{16}$ " drop strap, the No. 30 will carry any door easily. While designed as a swing hanger, the No. 30 can also be used as a rigid hanger when desired.

The flexible feature is another convenience, permits hanging or removing door by simply putting in or taking out a connecting pin. It also allows the door to swing out from the bottom when so desired.

We pack $2\frac{1}{4} \times \frac{5}{16}$ bolts with all Trolley Hangers. $2\frac{1}{2} \times \frac{7}{16}$ Lag Screws are packed with the track brackets.

No. 30 Hangers, weight per dozen pairs150 lbs.
 Net Price on Application.



No. 30 $\frac{1}{2}$ Trolley Barn Door Hanger

The construction of the No. 30 $\frac{1}{2}$ Trolley is the same as that of the No. 30, with the exception that the drop strap is made in the shape of a yoke, coming down on each side of the door. In this way the two upper bolts will go through the door and bolt through both sides of the drop strap.

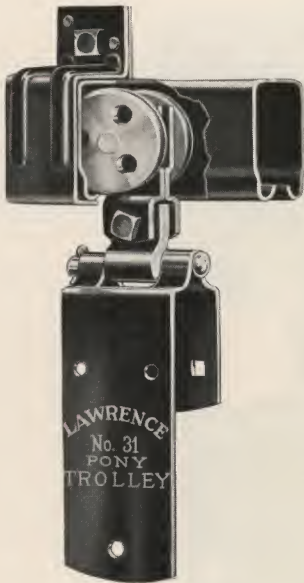
The price of the No. 30 $\frac{1}{2}$ is the same as the No. 30, so it is optional with the dealer as to which style he prefers.

The corrugated rail brackets which are furnished with the No. 30 $\frac{1}{2}$ and all other Trolley Barn Door Hangers are made from No. 11 steel, and weigh one pound each.

Hangers are packed one pair in a paper box complete with bolts and screws. Also three track brackets (two end and one center). Six pair in a wooden case.

Weight per dozen pairs.....130 lbs.

Net Price on Application.



Pony Trolley Barn Door Hangers No. 31

The No. 31 Pony Trolley illustrated above is a new addition to our line of Trolley Hangers, and is designed for use on grain room, box stall, and other light doors where the heavier hangers are not required.

It has the lateral adjustment below the rail, and lathe turned steel wheels running on roller bearings. It fits the No. 301 track, the same as all Trolley Hangers.

No. 31 Pony hangers weigh per dozen pair94 lbs.

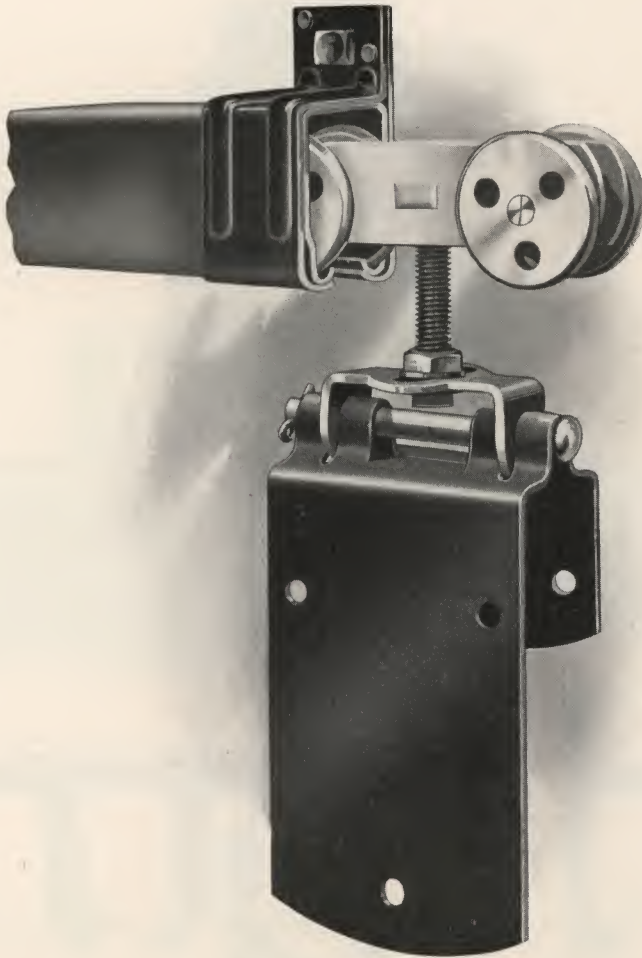
They are packed one pair in a paste-board box, with $\frac{1}{4} \times 2\frac{1}{4}$ bolts and two end and one center track bracket. One dozen pair in a wooden case.

Net Price on Application



Trolley Models

Can be furnished with either No. 30, 30½, 31 or 32 hangers. Length 28", height 16", weight 40 lbs.



No. 32 Trolley Barn Door Hanger

With Double Adjustment

The No. 32 Hanger illustrated above is the latest addition to our line. It has both vertical and horizontal adjustment so that the door can be raised and lowered and adjusted to and from the building. One of the greatest features of this hanger is the vertical adjustment. Where barns have cement floors, frost will cause them to raise, and by means of this adjustment the door can be raised so as to run as freely as it would under perfect conditions. The adjusting screw connecting the drop strap with the truck swings in the truck so that same can adjust itself to the rail. With this vertical adjustment it is not necessary to cut away the top of the door as is the case with other hangers having the vertical adjustment.

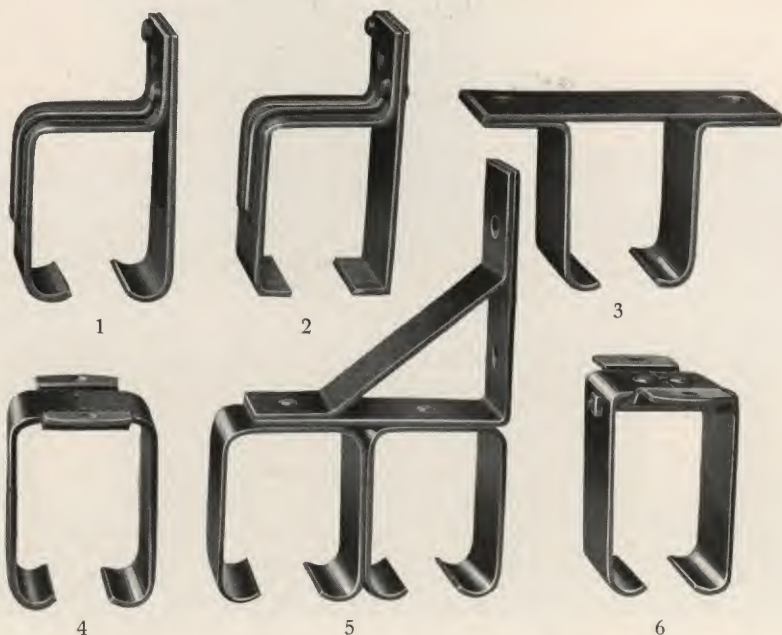
By using a hanger with both adjustments all openings can be closed. This Hanger has trade getting talking points. Packed one half dozen pair in a wooden case.

Weight per dozen pair130 lbs.



Trolley Hanger Adjustment

The above illustration shows the adjustment which is used in our No. 30, 30½ and 31 Trolley Barn Door Hangers. Notice that this adjusting screw is below the rail, where it is easily accessible at any time.



Trolley Track Brackets

The brackets illustrated are carried in stock, and can be furnished promptly in either Japanned or Galvanized finish.

No. 301
Japanned

No. 301½
Hot Galvanized



Lawrence Trolley Barn Door Track

(Patented Oct. 22, 1907)

The above track fits any of our Trolley Hangers. It is carefully made on special machinery and is straight and true.

The off-set just above the grooves prevents any part of the hanger from rubbing or scraping against the side of the rail.

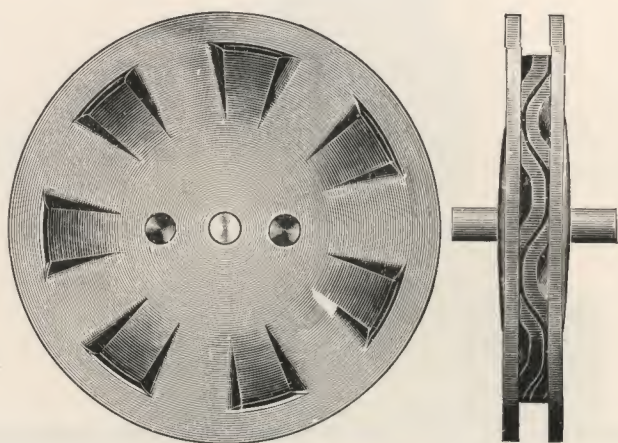
Brackets may be placed any distance apart, according to the weight of the door.

It is made of 15½ gauge steel, and can be furnished in either Japan (No. 301) or Hot Galvanized (No. 301½) finish. Packed eight pieces to a crate.

Made in the following lengths: 4, 6, 7, 8 and 10 foot.

Weight per 100 feet170 lbs.

Net Price on Application.



Lawrence Steel Wheel

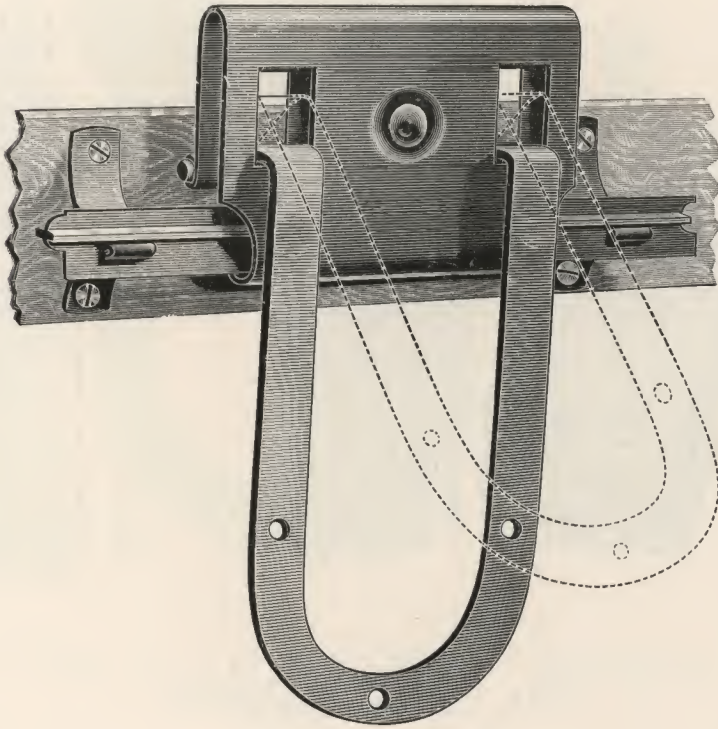
Lathe Turned

The Lawrence Steel Wheel consists of two sinuated steel discs, the sinuations projecting from each disc to the opposite, forming an inside tread that fits all bracket rails. The outer edge of wheel runs on the Lawrence steel ribbed rail, and is much better than any grooved or inside tread, as it brings the weight evenly to the outer edge of the wheel, runs easier and never binds. Without question the best wheel ever used in barn door hangers.



No. 40 Cyclone Hanger Model

Length 28", Height 16", Weight 30 lbs.



No. 40 Cyclone Barn Door Hanger

All Steel

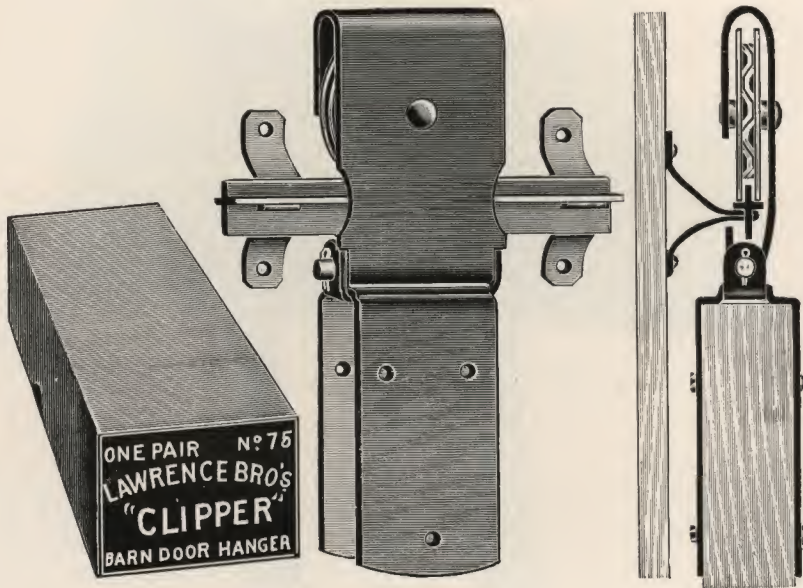
The Cyclone Swing Hangers are made entirely of steel, with a $3\frac{1}{2}$ " Lawrence patent wheel. They have long roller bearings which reduce friction to a minimum.

The straps passing through the cover and connecting on the opposite side with a strong pin, give this hanger a perfect bearing and allow the door to swing out without twisting or straining the rail.

Packed one pair in a paper box, complete with $\frac{5}{16} \times 2\frac{1}{4}$ " bolts. Twelve pair in a wooden case.

Weight per dozen pair100 lbs.

Net Price on Application



No. 75 The Clipper

All Steel. Swing Hanger

3½-inch Lawrence Patent Sinuated Steel wheels used.

This durable swing hanger runs on roller bearings, stays on the rail and requires the least work to put up of any hanger manufactured.

The pin which connects the drop strap with the housing can be taken out, so that in hanging a door the housing can be placed on the rail first, then after the straps are bolted on, the door can be placed into position and the pin put in place.

Packed one pair in a box complete with $\frac{1}{4} \times 2\frac{1}{4}$ bolts.

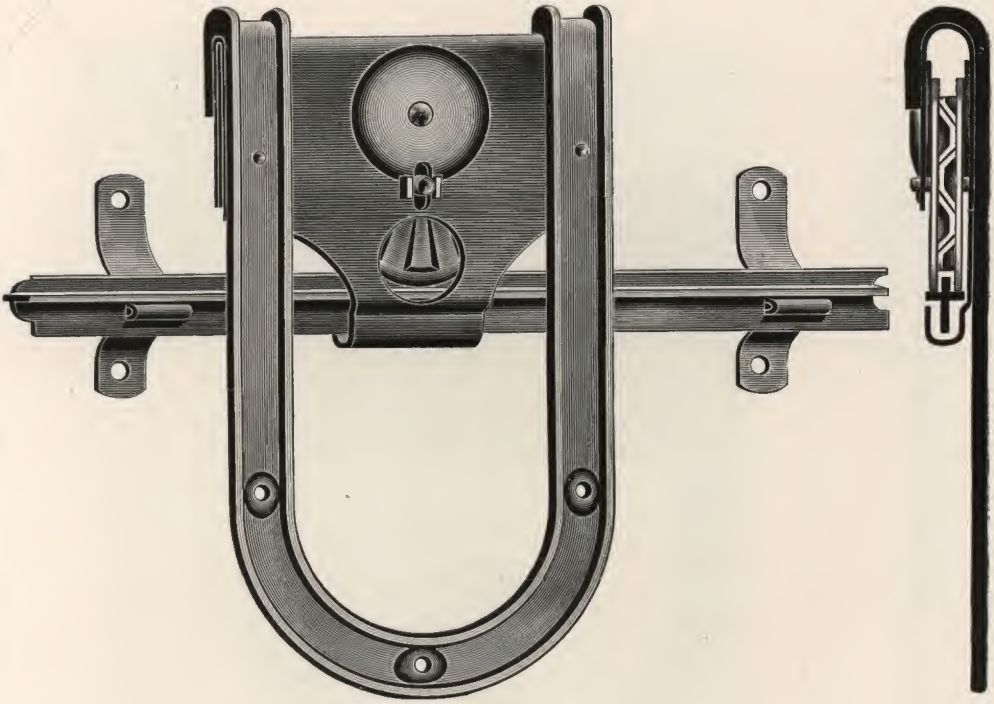
Twelve pair in a case.

This Hanger is $11\frac{1}{2}$ inches long and 3 inches wide. The housing is made of No. 11 steel and the drop strap of No. 13 steel.

Furnished with cast wheels to fit $1\frac{1}{4} \times \frac{3}{16}$ track when desired.

Weight per dozen pairs87 lbs.

Net Price on Application.



The Union "Holdfast" Hangers

(Patented April 25, 1893)

Made with the Lawrence patent steel wheel and cast iron anti friction discs with $\frac{3}{8}$ " bearings which will last a life time. The cover is so constructed that it is impossible to derail the hanger when used with either the Lawrence regular bracket rail or the Lawrence swing hanger rail. Exclusive sale is given on this Hanger when desired. The frame is made of channel steel $\frac{7}{8}$ ", 1" and $1\frac{1}{8}$ " wide respectively, which makes a much stiffer and stronger frame than does flat bar steel.

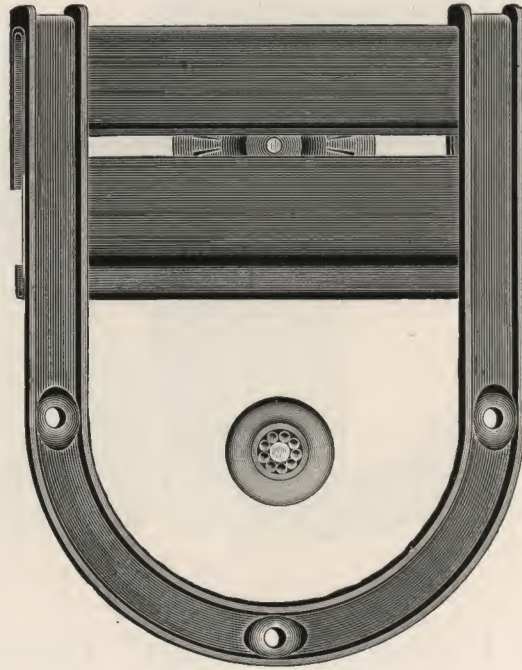
No. 44 Hangers are $10\frac{1}{2}$ inches long and $5\frac{1}{4}$ inches wide with 3 inch wheels and are made for light doors. No. 45 are 12 inches long and 6 inches wide and have a $3\frac{1}{2}$ inch wheel and are made for medium doors, No. 46 are 13 inches long and $6\frac{1}{2}$ inches wide, have a 4 inch wheel and are made for heavy doors.

Union "S" Hangers fit our No. 202 Rail, which is made for swing hangers. Old style Union hangers fit our No. 301 Rail which does not fit swing hangers.

Illustration shows our Union "S" hangers running on No. 202 Rail.

No. 44, weight per dozen pairs	70 lbs.
No. 45	100 lbs.
No. 46	120 lbs.

Net Price on Application.



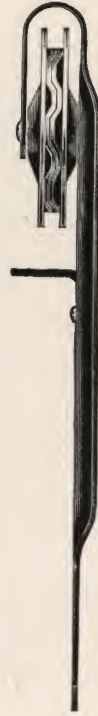
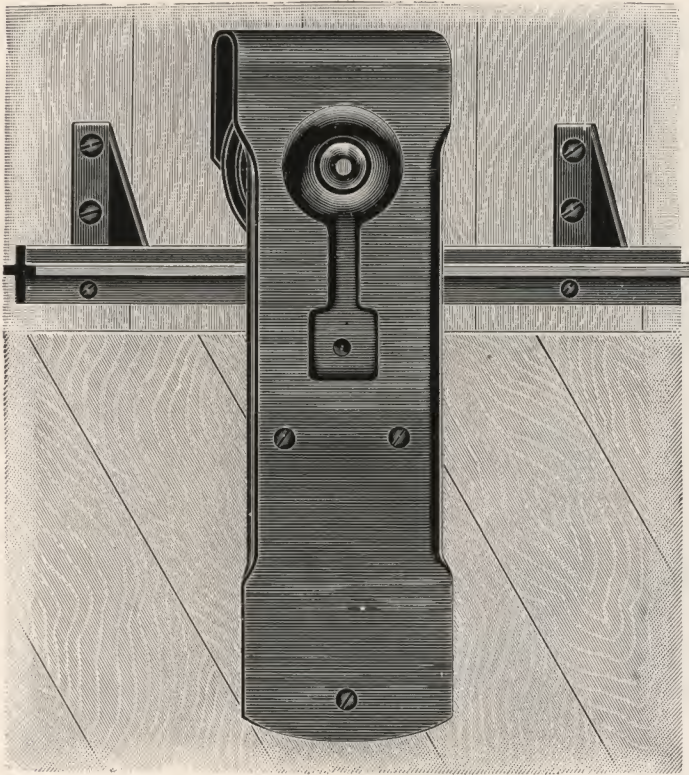
No. 85 The New Giant

The Best Hanger for Large Doors

Made with $3\frac{1}{2}$ " Lawrence patent sinuated steel wheel. The Channel steel frame is much stronger than flat steel. The wide flanges punched from the No. 14 gauge cover give a broad bearing surface for the axle. The axle runs on the flanges to the end of the runway. Then the wheel turns freely on it on roller bearings, making an endless run without wear or friction on the frame. The lip extending the full width of the Hanger makes the strongest stay-on obtainable. The frame is made of 1" Channel. It is 13" long and $8\frac{1}{2}$ " wide.

Weight per dozen pair130 lbs.

Net Price on Application



No. 15 The Century

All Steel Rigid Hanger, Roller Bearing

Here is a strong hanger at a low price. It is 11" long by 3½" wide, has the stay-on feature, and is corrugated, which adds materially to its strength. It has plain bearings, a 3½" Lawrence patent sinuated steel wheel, and fits either the No. 201 or No. 202 Lawrence Rail.

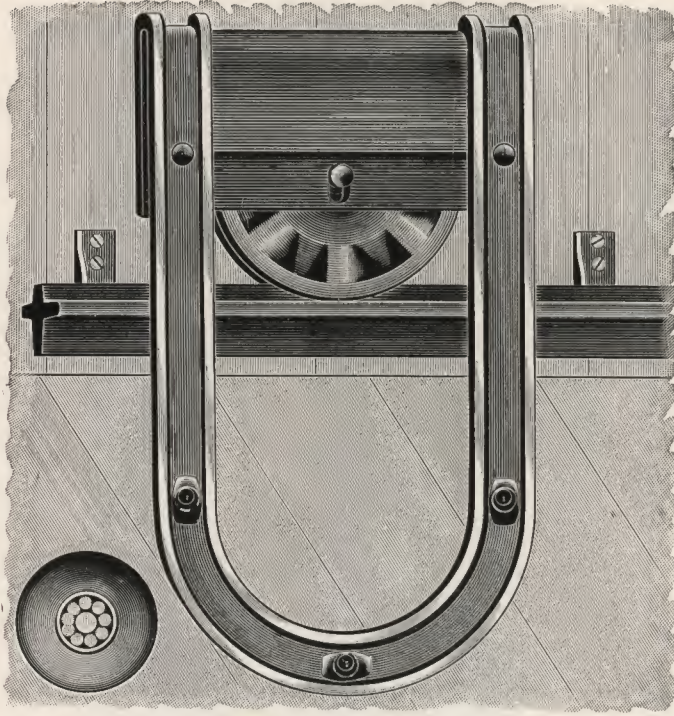
Weight per dozen pair60 lbs.

No. 18 The Hummer

All Steel Rigid Hanger

This hanger is the same as the Century illustrated above, except that the wheel runs on roller bearings.

Net Price on Application



The King Bee

(Patented April 25, 1893)

All Steel. Rigid Hanger. Roller Bearing

3 inch and 3½ inch Lawrence Sinuated Steel Wheels used.

The frame is made of channel steel with our patent raised bolt holes and though lighter and cheaper than the Union is a strong and durable hanger. The bearings are made of the best roller bearing wire, made especially for us.

Fully warranted.

Exclusive sale given when desired.

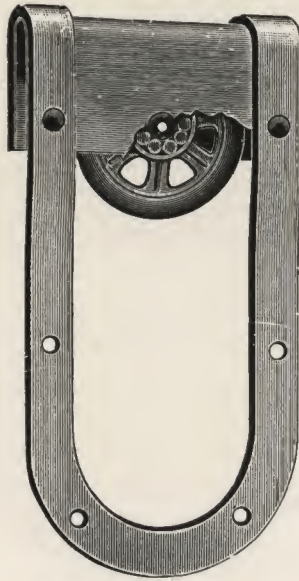
No. 65 hangers are 11 inches long by 5½ inches wide and frame is made of 7/8 inch channel steel.

No. 66 hangers are 12 inches long by 6 inches wide and frame is made of 1 inch channel steel.

Regular King Bee hangers fit our No. 201 Lawrence Rail which does not fit swing hangers. King Bee "S" hangers fit our No. 202 Rail which fits all our swing hangers.

No. 65, weight per dozen pairs	55 lbs.
No. 66	80 lbs.

Net Price on Application.



The Cleveland

Roller Bearing. Steel Frame. Cast Wheel.

$3\frac{1}{2}$ inch and 4 inch heavy cast wheels used in this hanger which is made especially for flat track.

No better track made for the money.

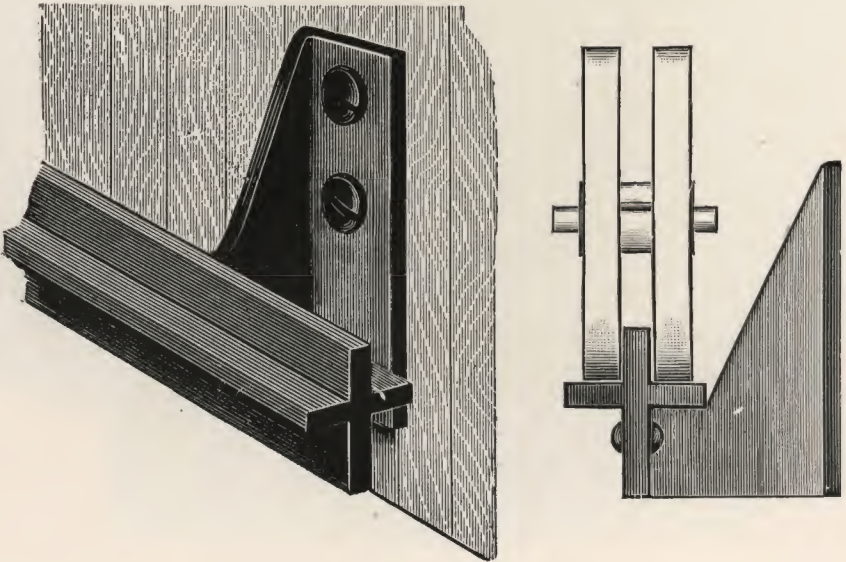
No. 1 hangers are $10\frac{1}{2}$ inches long by $5\frac{1}{2}$ inches wide with drop strap made of $\frac{3}{16}$ x 1 inch steel.

No. 2 hangers are $11\frac{1}{2}$ inches long by $6\frac{1}{2}$ inches wide with drop strap made of $\frac{1}{4}$ x 1 inch steel.

Fit our 1 x $\frac{3}{16}$ or $1\frac{1}{4}$ x $\frac{3}{16}$ track as well as flat track made by other manufacturers.

No. 1, weight per dozen pairs	80 lbs.
No. 2	100 lbs.

Net Price on Application.



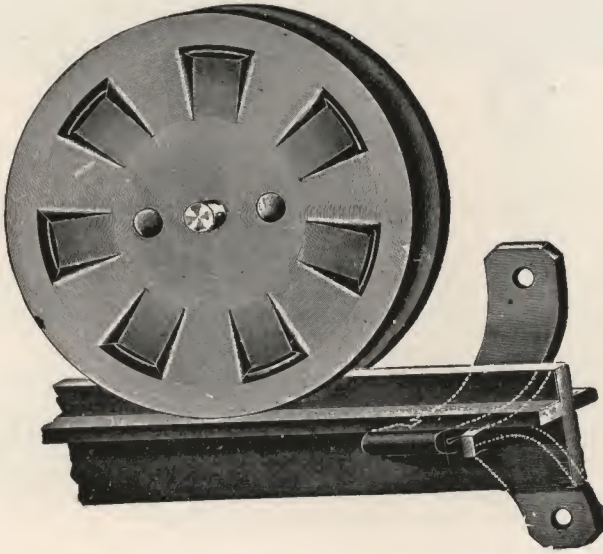
No. 201 Lawrence Patent Steel Rail

A strong, substantial rail, perfectly rolled. The brackets, which are placed twelve inches apart, have an extra wide bearing surface on the building, which makes the rail very rigid. This rail is especially adapted for the old style rigid barn door hangers, such as the Sterling.

Furnished in 4, 6, 7, 8 and 10 foot lengths.

Weight per 100 feet85 lbs.

Net Price on Application.



No. 202 Lawrence Patent Swing Hanger Rail

(Patented May 6, 1902)

This rail is made especially for our swing hangers, but is adapted to every hanger made by us with the exception of the Trolley. The bracket is locked absolutely tight to the rail without a rivet, and the weight rests squarely upon the top of the bracket. This rail will not sag vertically, or warp horizontally.

Furnished in lengths of 4, 6, 7, 8 and 10 feet.

Weight per 100 feet82 lbs.

Net Price on Application.



No. 102 New York Rail

Japanned

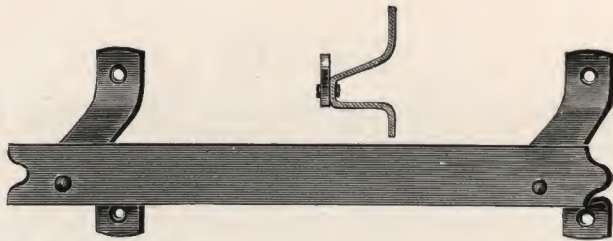
From the cut it will be noticed that this rail is braced above as well as below, making it a great deal stronger than most rails made by others.

The brackets are placed 12 inches apart and no rivets used. The bracket is welded into the rail, making it much stronger than if rivets were used.

Any barn door hanger will run on it, either swinging or rigid hangers.

$1\frac{1}{4} \times \frac{3}{16}$ inch steel used
Made in 4, 6, 8 and 10 foot lengths
Packed eight pieces in a bundle

Weight per 100 feet96 lbs.



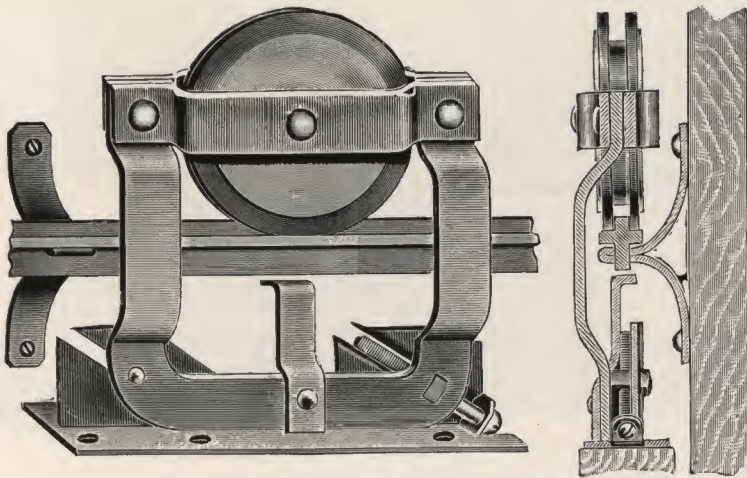
No. 101 Common New York Rail

Japanned

No. 101 $1 \times \frac{3}{16}$ inch
Weight, per 100 feet79 lbs

Made in 4, 6, 8 and 10 foot lengths

Net Price on Application



No. 20 Easy Parlor Door Hanger End Adjustment

As the name implies—easy to put up, easy to run and easy to adjust.

The frame is made of special smooth-rolled steel, and wheel of vulcanized hard fibre.

A strong, substantial and noiseless hanger at a low price.

Lawrence No. 202 rail is furnished with these hangers. 14 ft. with double set, and 8 ft. with single set, unless otherwise specified.

Complete directions with every set.

Single Set	5 lbs.
Double Set	10 lbs.

Net Price on Application



No. 22
Lawrence Trolley Accordion Door Hanger
For Folding Doors or Partitions

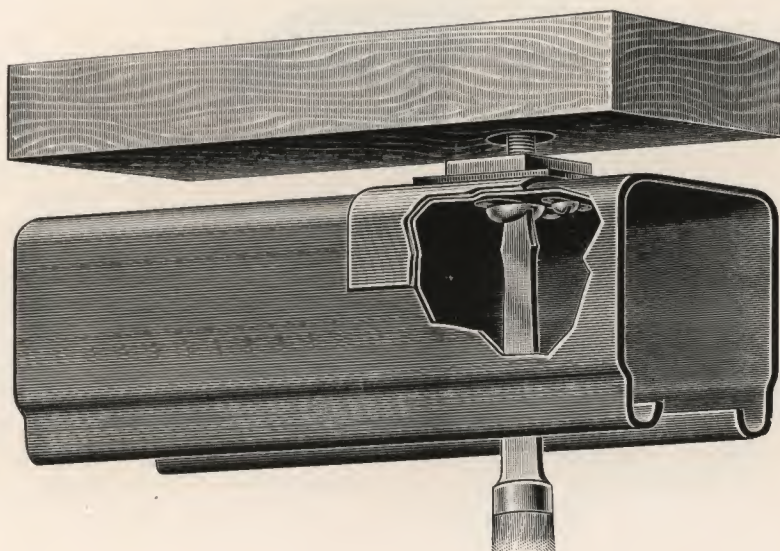
A roller bearing hanger with noiseless fibre wheels, vertical screw adjustment, and extra wide bearings.

Adjustment can always be easily made as the adjusting screw is galvanized to prevent rusting.

Adjusting nut is held securely by a stiff steel spring washer.

Lawrence trolley rail with split bracket No. 6 used for this hanger.

Net Price on Application



No. 300

The Lawrence Trolley Parlor Door Rail

The off-set just above the groove makes the rail much stiffer and stronger and prevents the hanger from scraping or rubbing against the sides of the rail.

The track has both horizontal and vertical adjustment and can be taken down and replaced after walls are plastered.

Weight to a 6 foot piece 10 lbs.

Net Price on Application

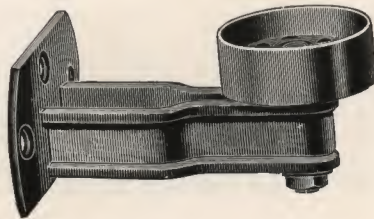


Barn Door Catch

All Steel. Japanned

A strong, serviceable catch for stable doors. Constructed entirely of steel which will not break or crack from frost. Packed one dozen in a box.

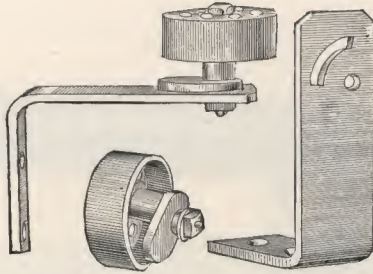
No. 107. Per single dozen	\$.....
Weight, per dozen	4 lbs.



The Union Adjustable Stay Roll

The heavy channel steel riveted into the steel plate makes a solid, indestructable stay roll. Without doubt this is the strongest stay roll ever put on the market. Can be adjusted to any door.

No. 110. Per single dozen	\$.....
Weight, per dozen	10 lbs.



The Faultless Adjustable Stay Roll

With circular adjustment, which never slips. Can be applied to inside as well as outside doors. Fastens firmly to the building with three screws.

No. 111. Net price per single dozen \$.....

Weights 12 Lbs. per dozen.

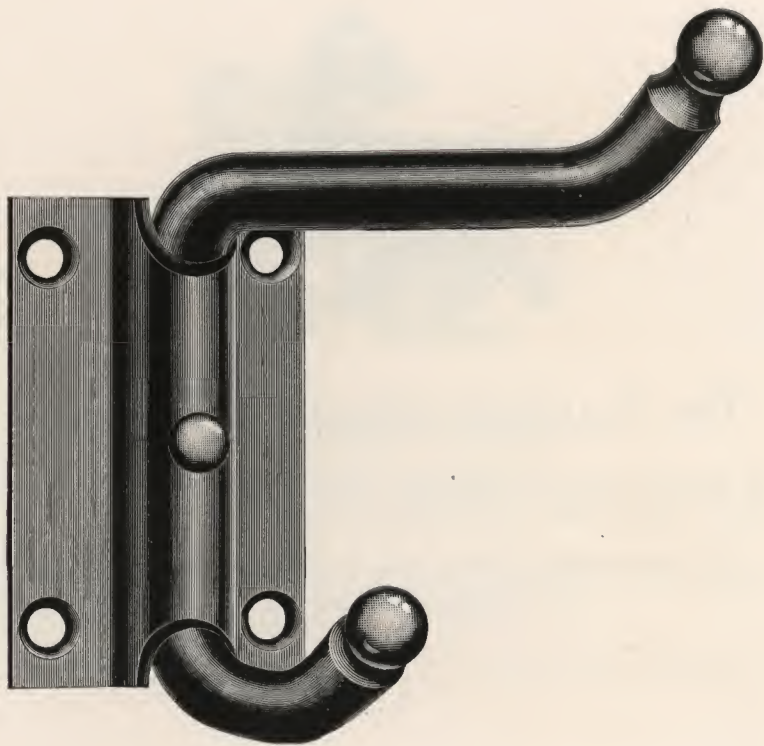


The Faultless Floor Stay Roll

For Inside Doors

No. 112. Net price per single dozen \$.....

Weights 5 Lbs. per dozen.

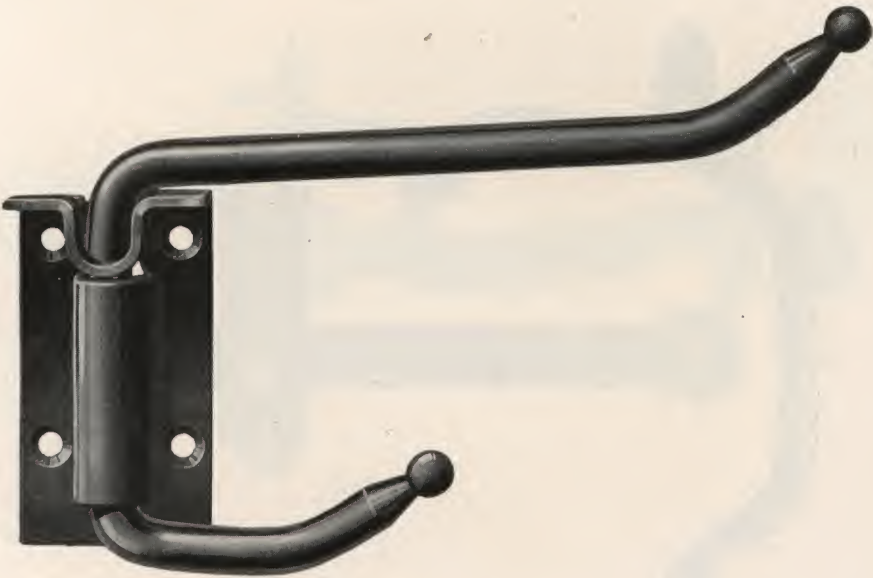


No. 25
Wrought Steel Harness Hooks

Japanned
One dozen in a box

List Prices

			Weight Per Dozen
7 inch.	Per dozen	\$2.00	9 Lbs.
10 inch.	Per dozen	3.00	14 Lbs.
12 inch.	Per dozen	4.00	25 Lbs.



No. 26

Wrought Steel Swing Harness Hooks

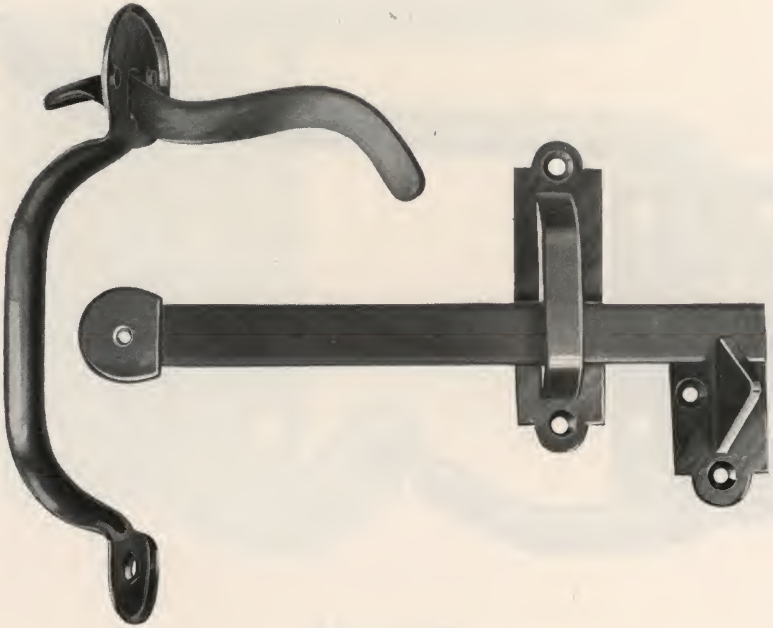
Japanned

When in position for use it is automatically locked and perfectly rigid.
When not in use, can be swung back against the wall.

One dozen in a box

List Prices

			Weight Per Dozen
7 inch.	Per dozen	\$2.00	9 Lbs.
10 inch.	Per dozen	3.00	14 Lbs.
12 inch.	Per dozen	4.00	25 Lbs.



Lawrence Thumb Latch No. 105

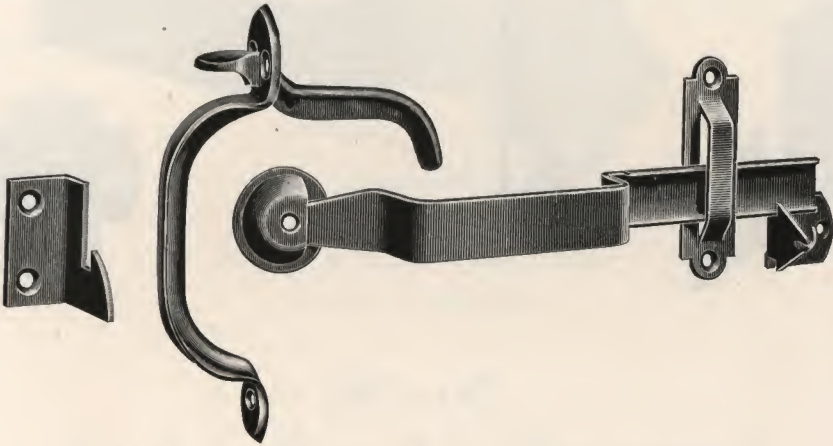
All Steel

A good, heavy latch that won't break, and a thumb lift that cannot work loose or get out of place. SUITABLE FOR BARN, SHOP AND WAREHOUSE DOORS.

Packed one-half dozen in a box

No. 105. Japanned \$.....

Weights 13 Lbs. per dozen.



Lawrence Thumb Latch No. 106

All Steel

The Strongest, Neatest and Most Serviceable Latch
Ever Made

It has good, strong, roomy handles on both sides of the door, thus making it easily accessible when the door sticks or binds.

Thumb lift cannot break, get out of place or be lost.

Edges are all crimped to make smooth bearings so the door will always latch.

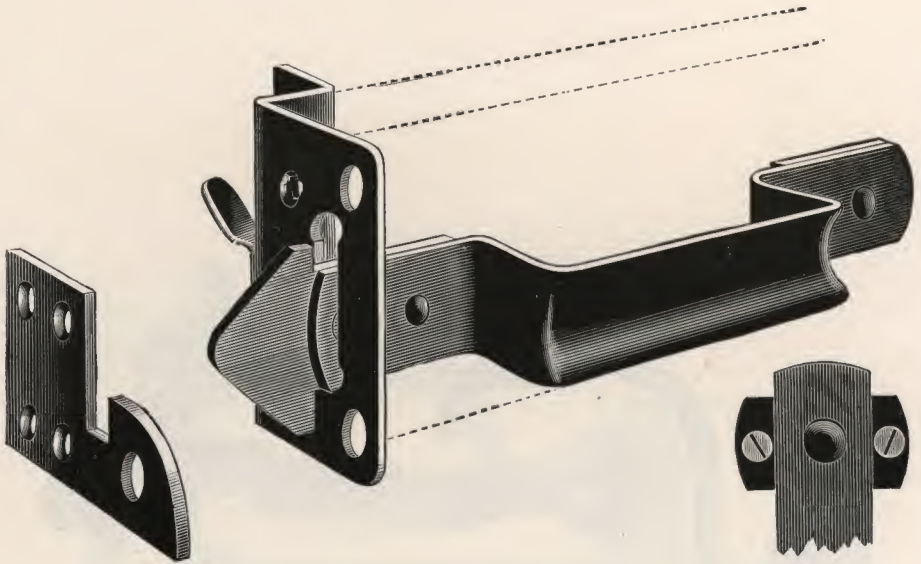
Catch is fitted with guards, which prevents harness from catching and being torn.

Packed with extra catch to hold the door open.

Packed one latch complete with screws in a paper box. In this way parts cannot be lost in the store, and the latch is ready to hand out to your customer just as it comes to you.

No. 106. Japanned \$.....

Weights 16 Lbs. per dozen.



No. 108 Lawrence Steel Barn Door Latch

Superior to all other latches for the following reasons:

- It is either right or left hand.
- It is made entirely of wrought steel.
- It is operated from either the inside or outside.
- It is applicable to either swinging or sliding doors.
- It is arranged so that a padlock can be used for locking.
- It cannot be tampered with, as all screws are concealed.
- It is easily applied, costs but little, and should be used on all barn doors.

Packed one-half dozen in box; 12 dozen in a case.

List Prices

No. 108	Japanned.	Per Doz. Sets	\$3.00
No. 109	Japanned.	With Extra catch. Per Doz. Sets.....	\$3.25

Weighs 19 Lbs. per dozen.

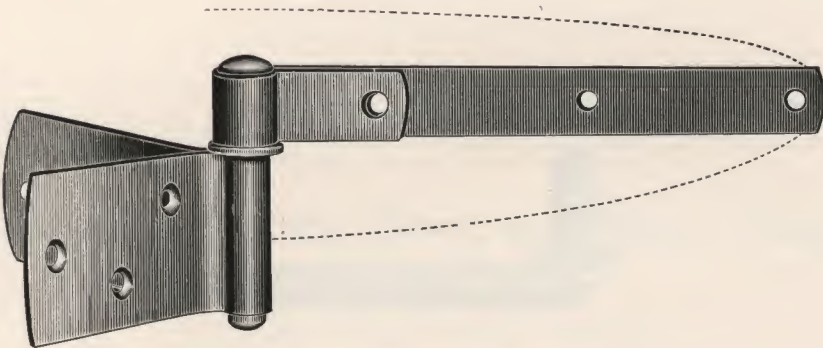


Rolled Plate Hinges

All Steel, Fast Joint.
Japanned

Sizes: 6, 8, 10, 12, 14 and 16 inch.

Net price on application

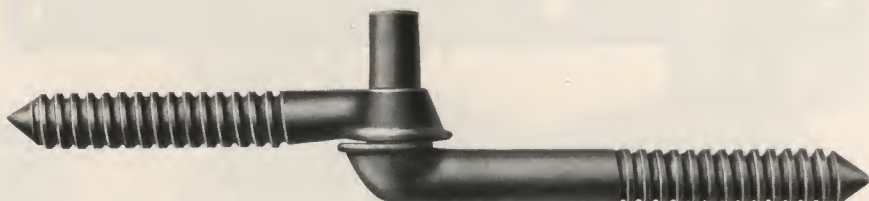


Corner Strap Hinges

All Steel, Loose Pin

Sizes: 10, 12, 14 and 16 inch.

Net price on application



Screw Hook and Eye Hinges

Diameter Hook		Length Hook		Length Screw-Eye	Weight Doz. Pairs
$\frac{1}{2}$ "	x	4"	x	4"	12 $\frac{1}{2}$ lbs.
$\frac{5}{8}$ "	x	5"	x	5"	24 lbs.
$\frac{3}{4}$ "	x	6"	x	6"	41 lbs.

Hooks are made with rolled threads, perfectly pointed.

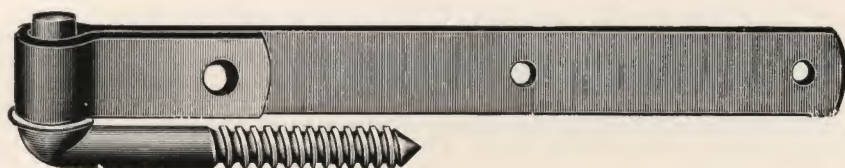
The eye fits snugly over the pin so the gate or door cannot sag.



Wrought Steel Screw Hooks

Perfect Threads and Sharp Points.

Size	For Screw Hook and Strap Hinge, size
$\frac{1}{2}$ " x 4"	6" and 8"
$\frac{5}{8}$ " x 5"	10" and 12"
$\frac{3}{4}$ " x 6"	14", 16", 18" and 20"
$\frac{7}{8}$ " x 7"	22", 24", 30" and 36"



Screw Hook and Strap Hinges

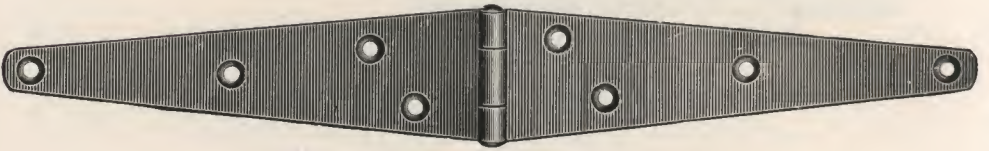
Made of Smooth Steel
Cold Rolled Joints, Rolled Threads

Length of Strap Inches	Approximate Weight per dozen pair Lbs.	Length of Strap Inches	Approximate Weight per dozen pair Lbs.
6	22	22	138
8	25	24	142
10	40	30	162
12	50	36	180
14	70		
16	76		
18	95		
20	100		

Extra Heavy Screw Hook and Strap Hinges

Made of Smooth Steel
Cold Rolled Joints, Rolled Threads

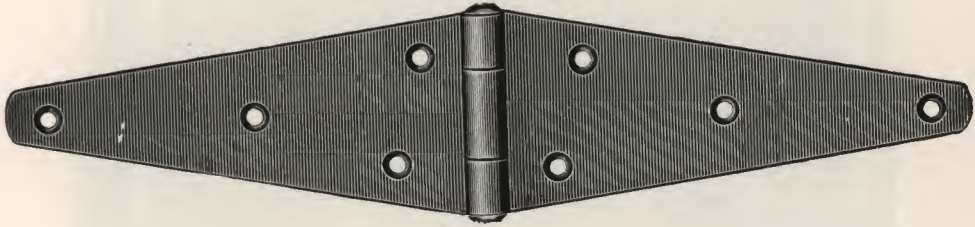
Length of Strap Inches	Approximate Weight per dozen pair Lbs.	Length of Strap Inches	Approximate Weight per dozen pair Lbs.
6	24½	22	143
8	29	24	152
10	45½	30	170
12	52	36	198
14	79		
16	86		
18	101		
20	110		



Wrought Steel Light Strap Hinges

List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel
3-inch	.85	.95	1.30	1.45	250
4 "	1.10	1.20	1.75	2.00	175
5 "	1.35	1.50	2.35	2.80	100
6 "	1.70	1.90	3.15	3.75	90
8 "	2.40	2.65	4.30	5.00	45



Wrought Steel Heavy Strap Hinges

List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel
4-inch	1.60	1.75	2.85	3.30	125
5 "	2.15	2.35	4.25	5.00	100
6 "	2.80	3.10	6.40	7.80	55
8 "	4.50	4.95	10.25	12.35	32
10 "	6.80	7.50	15.50	19.00	19
12 "	10.40	11.45	23.50	27.50	12
14 "	12.20	13.40	25.70	30.40	10



Strap and Tee Hinges

Packed the Modern Way
One Pair in a Box, with Screws

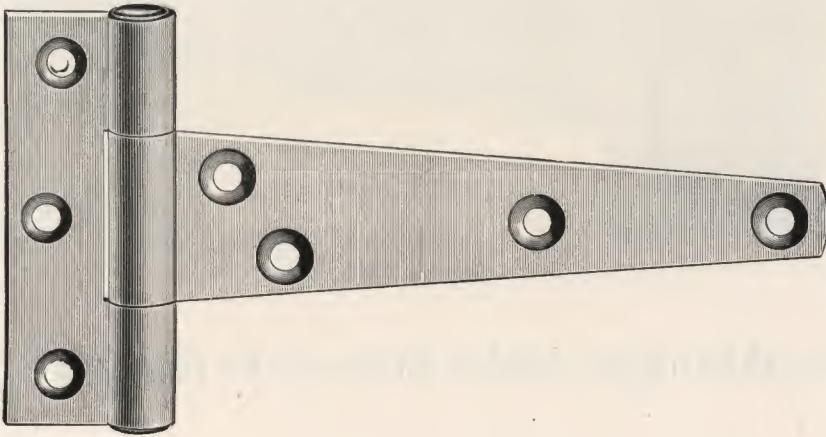
Two leading questions naturally suggest themselves to the dealer's mind: First, What is the cost? Second, Will the extra cost come out of my profits?

It is but natural that the first cost of the Hinges should be slightly increased, for we cannot add screws, box and the labor of packing, to our hinges, without an additional charge. This small increase in factory cost does not mean that your profits will be lowered.

Practically all Strap and Tee Hinges are sold with screws, whether boxed or not. When sold in bulk all of the labor and time of picking out the right sizes of screws, cutting the wire, selecting the right screws and counting them out, comes out of your profits. We buy screws in tremendous quantities, and the cost of the box is more than off-set by the saving of time of your clerks and customers. Experience has shown that you can increase your profits by handling our Hinges packed in the new, modern way.

Figure out what it is costing you by the old method. Don't be misled by statements that it costs 50 per cent. more. It doesn't. Consider the advantages of putting out clean Hinges of "Lawrence" quality, in good, strong boxes, with screws of the proper size, selected only after careful tests.

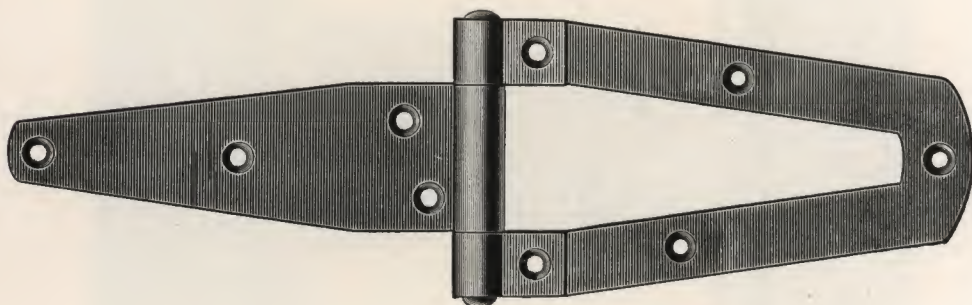
Packed 100 pair to the case, except 6-inch and larger, which make too bulky a package, and are packed 50 pair to a case.



Wrought Steel Light T Hinges

List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate Number Dozen in Barrel
3-inch	.75	.85	1.20	1.50	200
4 "	.80	.90	1.35	1.70	150
5 "	1.00	1.10	1.70	2.10	100
6 "	1.20	1.30	2.10	2.50	80
8 "	1.50	1.65	2.55	3.25	50
10 "	2.22	2.40	3.70	4.60	30



Lawrence Steel Strap Hinge

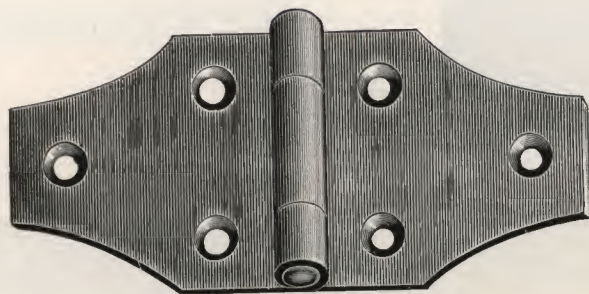
Patented Sept. 22, 1896.

Extra Heavy Pattern

In this Hinge we have made a step far in advance of anything yet invented in the Hinge line, and we would call attention to the following points: The Hinge not being cut away at the pintle, but retaining the full width of the stock, gives the hinge from two to three times the strength of a common strap hinge. Its width, when placed on a building, gives the screws twice the leverage of other Hinges, making it possible for the same size screw to sustain a much greater weight without breaking or pulling out. It is made from the best quality of Hinge steel.

Size	Weight per gross pairs
3-inch	31 lbs.
4-inch	96 lbs.
5-inch	150 lbs.
6-inch	234 lbs.
8-inch	354 lbs.
10-inch	468 lbs.

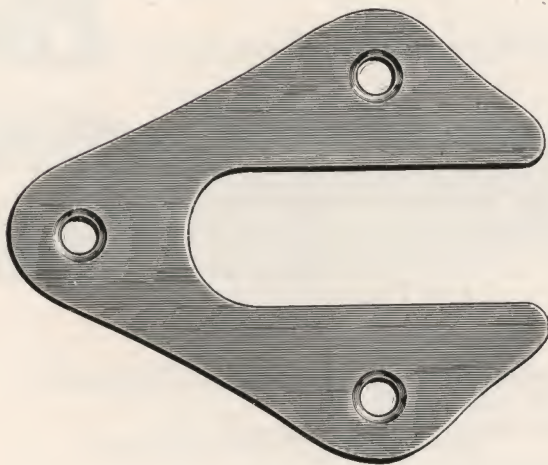
Net price on application.



End Gate Hinge

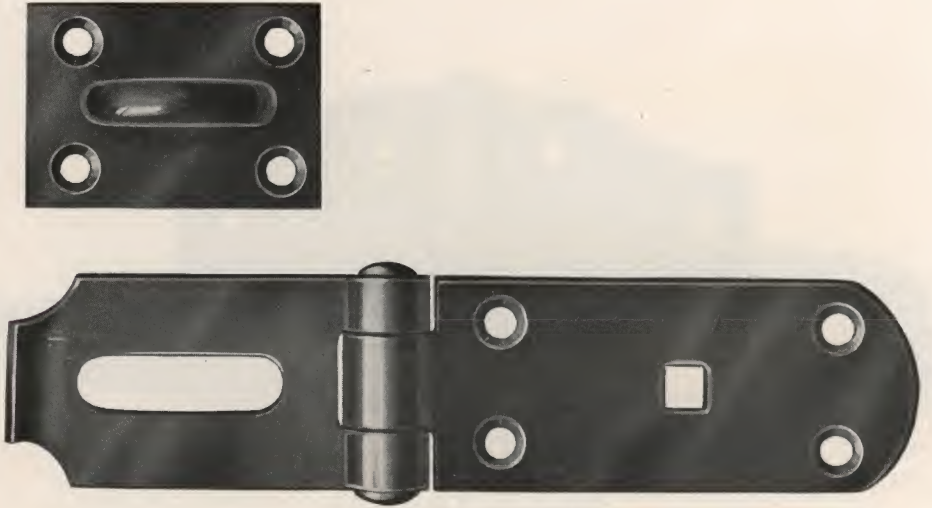
Made in Two Sizes

		Weight per Dozen Pair
Price per dozen pairs, $1\frac{3}{4} \times 4$	\$	5 Lbs.
Price per dozen pairs, $2\frac{1}{4} \times 5$	\$	8 Lbs.



Wagon End Gate Plates

Net price On application



Wrought Extra Heavy Hinge Hasps

With Plate Staples

The kind of Hasps that make Merchants feel secure when they have them on their store doors.

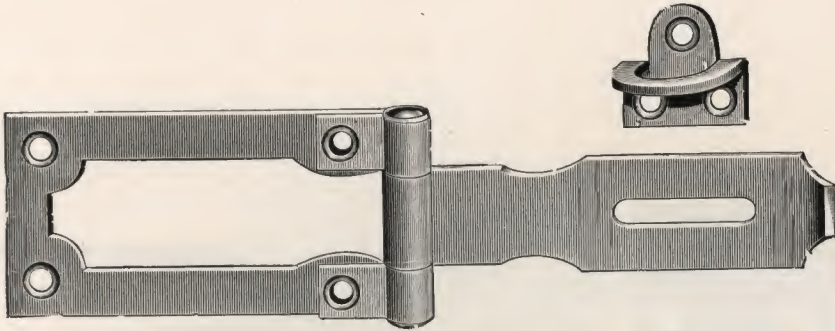
A good, heavy practical Hasp, for use in all places that an ordinary Hinge Hasp is not suitable for.

Made of steel $\frac{1}{8}$ " thick, $1\frac{3}{4}$ " wide, and the extreme length is $7\frac{1}{2}$ ".

List Price Per Single Dozen

No. 118	Bright Steel	\$6.75
No. 118-Bz	Bronze Plated	8.75
No. 118-J	Japanned	7.75
No. 118-G	Galvanized with brass pins	10.00

The Bright Steel Hasps are packed in bulk without Screws. Other numbers one dozen in a box with screws.

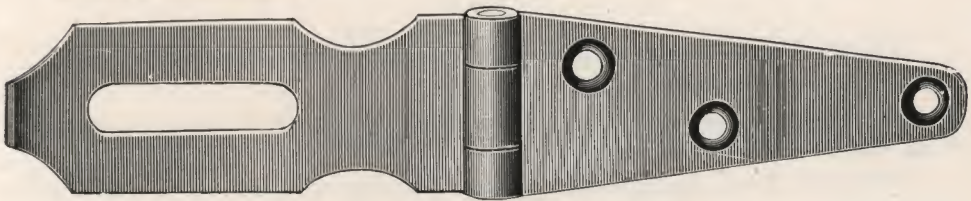
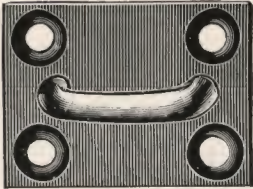


Lawrence Patent Hinge Hasp

Patented Sept. 22, 1896

The strongest hasp made

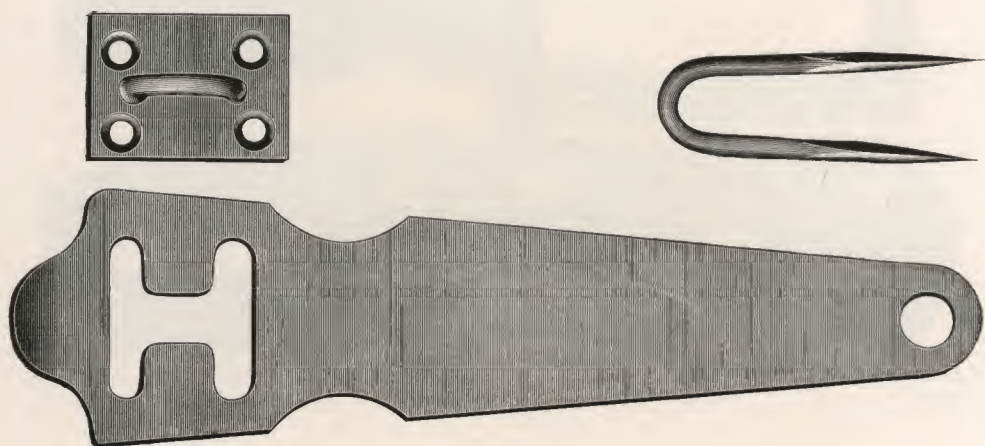
3-inch. Per single dozen \$.....
 4-inch. \$.....



Common Hinge Hasps

List Price Per Single Dozen

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel
3 -inch	.50	.55	.75	.85	300
4½ "	.60	.65	1.00	1.15	175
6 "	.80	.90	1.35	1.55	100
8 "	1.05	1.15	1.80	2.10	60



No. 100 Gravity Hasp

A handy thing to have in stock, and an article which has considerable merit.

It is simple in construction, but very strong.

Can be slipped into the staple with one hand, and cannot be opened accidentally. It can also be locked with a padlock.

Packed one dozen in a paper box, complete with 2½-inch staple and one plate staple with each hasp.

Hinge Hasp Staples

Size of plates	1¾x1¼	2⅞x1⅜
Projection of staple	⅞-inch	1-inch
For Hasps	3 and 4½-inch	6 and 8-inch
Per single dozen	\$0.20	.23

See cut in connection with hinges hasp.

Weigh 5 Lbs. per dozen.



No. 119 Superior Safety Hasps With Plate Staples

The Staple Hole is made extra large to allow for shrinking of door without resetting of Staple.

Can be used as a regular Hinge Hasp by simply reversing.

The horizontal hole keeps the full strength of the steel, whereas a perpendicular hole leaves very little strength at the top and bottom.

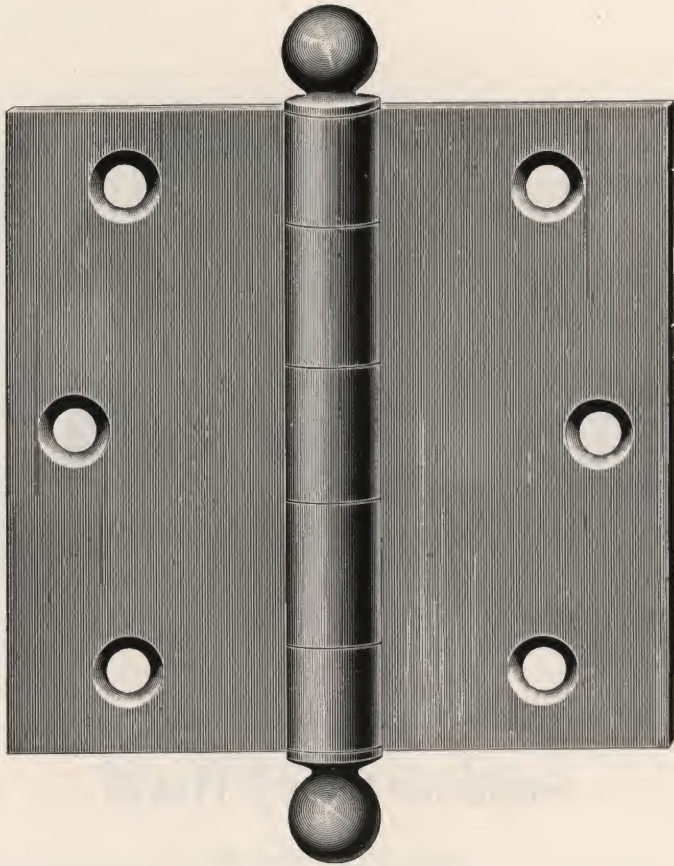
Made of best quality Cold Rolled Butt Steel.

Packed one dozen in a box, with screws and plate staples.

Made in three sizes, 3-inch, 4½-inch and 6-inch.

Furnished in Plain Bright Steel, Japanned, Galvanized, or any of the plated finishes.
For list of finishes see page 5.

3 inch weigh	3 Lbs. per dozen
4½ inch weigh	4 Lbs. per dozen
6 inch weigh	7 Lbs. per dozen



Wrought Steel Loose Pin Butts

Both Planished and Polished
With Ball Tips

These Butts are equal to any Butt made.

The $2\frac{1}{2} \times 2\frac{1}{2}$ and larger have five knuckles in the joint. The smaller sizes three.

For lists of finishes see opposite page.

Wrought Steel Loose Pin Butts

With Ball Tips

For cut see opposite page.

Size Open Inches	Pairs in a case	Average weight of full case
2 x2	102	40
2½x2½	102	66
3 x3	100	99
3½x3½	100	145
4 x4	100	135
4½x4½	100	240
5 x5	50	160

Planished Butts Numbered as Follows

No. 2310.....	Dead Black Electro Plate
No. 2410.....	Old Copper
No. 2510.....	Old Copper Sand Blast
No. 2610.....	Bronze
No. 2710.....	Dull Brass
No. 2810.....	Nickel
No. 2910.....	Oxidized Brass

Polished Butts Numbered as Follows

No. 2310½.....	Dead Black Electro Plate
No. 2410½.....	Old Copper
No. 2510½.....	Old Copper Sand Blast
No. 2610½.....	Bronze
No. 2710½.....	Dull Brass
No. 2810½.....	Nickel
No. 2910½.....	Oxidized Brass

For other finishes see list of finishes on Page 5.

In ordering Special finishes not listed and numbered as above, use the number 2210 and add the name of the finish desired. In this way there will be no mistake.

2x2 and 2½x2½ packed six pair in a box, larger sizes one pair, complete with screws.



Wrought Steel Light Loose Pin Butts

With Ball Tips

Size open	2x2	2½x2	2½x2½	3x3
Size of Screw	6	6	6	8
Screw Holes in Each Butt	4	6	6	6
Average weight of full cases—Pounds	76	92	108	176
List price, Bright Steel, per doz. pair	\$2.50	\$3.00	\$3.25	\$3.75

All sizes have five knuckles to the joint.

Packed one-half dozen pair in a box with screws, 25 dozen in case.

(Prices continued on opposite page.)

Wrought Steel Light Loose Pin-Butts

With Ball Tips

(Continued from opposite page.)

Prices are per dozen pair, with plated screws to match.

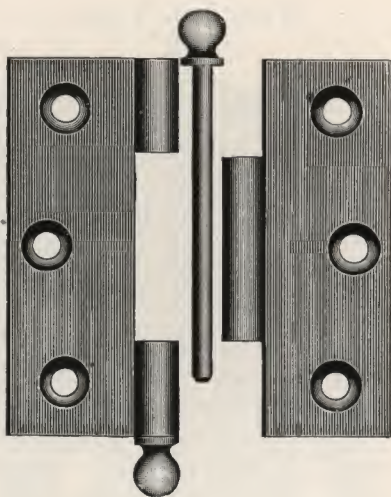
Size Open Inches	No. 2400-OC Planished Old Copper	No. 2400-OCS Old Copper Sand Finish	No. 2300-Bz Planished Bronze	No. 2400-DB Planished Dull Brass
2 x2	\$4.45	\$4.90	\$4.00	\$4.45
2½x2	4.60	5.05	4.15	4.60
2½x2½	4.70	5.15	4.25	4.70
3 x3	5.45	5.90	5.00	5.45

Size Open Inches	No. 2400-N Planished Nickel	No. 2400-OB Planished Oxid. Brass	No. 2400-OBS Oxid. Brass Sand Finish	No. 2400-DE Dead Black Electro Plate
2 x2	\$5.80	\$4.45	\$4.90	\$5.10
2½x2	5.95	4.60	5.05	5.25
2½x2½	6.05	4.70	5.15	5.35
3 x3	6.85	5.45	5.90	6.10

Size Open Inches	No. 2400½-OC Polished Old Copper	No. 2400½-Bz Polished Bronze	No. 2400½-N Polished Nickel	No. 2400½-OB Polished Oxid. Brass
2 x2	\$6.45	\$6.00	\$7.80	\$6.45
2½x2	6.95	6.50	8.30	6.95
2½x2½	7.20	6.75	8.60	7.20
3 x3	8.45	8.00	9.85	8.45

Size Open Inches	No. 2400-D Japanned Dead Black	No. 2400-J Japanned
2 x2	\$3.60	\$3.00
2½x2	3.85	3.20
2½x2½	4.05	3.40
3 x3	4.55	4.00

For other finishes see page 5.



Wrought Steel Loose Pin Light Narrow Butts

With Ball Tips

Size, Length of Joint....	1½ in.	1¾ in.	2 in.	2¼ in.	2½ in.	3 in.
Screw holes in each	4	4	4	6	6	6
Size of Screws	5	5	6	6	6	7
Average weight of full cases	38	46	64	77	83	127
List prices						
Bright Steel	\$1.80	\$1.95	\$2.10	\$2.25	\$2.40	\$3.30

One-half dozen pair in a box with screws, 25 dozen in a case.

The 2½" and larger have five knuckles in the joint, smaller sizes three.

Wrought Steel

Loose Pin Light Narrow Butts

With Ball Tips

(Continued from opposite page.)

Prices are per dozen pair, with plated screws to match.

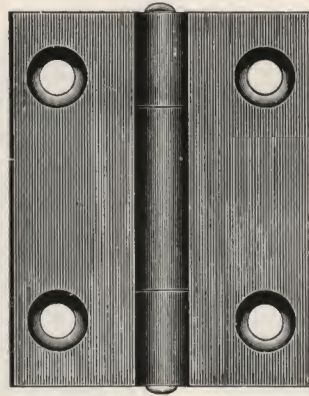
Size Length Inches	No. 240-OC Planished Old Copper	No. 240-OCS Old Copper Sand Finish	No. 240-Bz Planished Bronze	No. 240-DB Planished Dull Brass
1½	\$3.35	\$3.80	\$2.90	\$3.35
1¾	3.65	4.10	3.20	3.65
2	4.05	4.50	3.60	4.05
2¼	4.20	4.65	3.75	4.20
2½	4.35	4.80	3.90	4.35
3	5.05	5.50	4.60	5.05

Size Length Inches	No. 240-N Planished Nickel	No. 240-OB Planished Oxid. Brass	No. 240-OBS Oxid. Brass Sand Finish	No. 240-DE Dead Black Electro Plate
1½	\$4.70	\$3.35	\$3.80	\$4.00
1¾	5.00	3.65	4.10	4.30
2	5.40	4.05	4.50	4.70
2¼	5.55	4.20	4.65	4.85
2½	5.70	4.35	4.80	5.00
3	6.40	5.05	5.50	5.70

Size Length Inches	No. 240½-OC Polished Old Copper	No. 240½-Bz Polished Bronze	No. 240½-N Polished Nickel	No. 240½-OB Polished Oxid. Brass
1½	\$5.05	\$4.60	\$6.40	\$5.05
1¾	5.45	5.00	6.80	5.45
2	5.85	5.40	7.20	5.85
2¼	6.35	5.90	7.70	6.35
2½	6.85	6.40	8.20	6.85
3	7.95	7.50	9.30	7.95

Size Length Inches	No. 240-D Dipped Dead Black	No. 240-J Japanned
1½	\$2.80	\$2.20
1¾	2.90	2.30
2	3.10	2.50
2¼	3.40	2.80
2½	3.80	3.10
3	4.25	3.60

For other finishes see page 5



Wrought Steel Light Narrow Butts No. 810

Bright Steel

Packed one dozen pair in a box.

The 2½-inch and smaller have three knuckles in the joint, the larger sizes five.

Size Inches	Price per dozen	Size of Screw	Dozen pairs in Case	Weight per Case
1	\$.40	3	100	50
1¼	.50	4	100	70
1½	.65	5	100	100
1¾	.80	5	100	130
2	.90	6	100	190
2¼	1.05	6	50	110
2½	1.10	6	50	125
3	1.45	7	50	205
3½	2.00	8	25	150

Prices continued on opposite page.

Wrought Steel Light Narrow Butts

(Continued from opposite page.)

Prices are per dozen pair, and include plated screws to match.

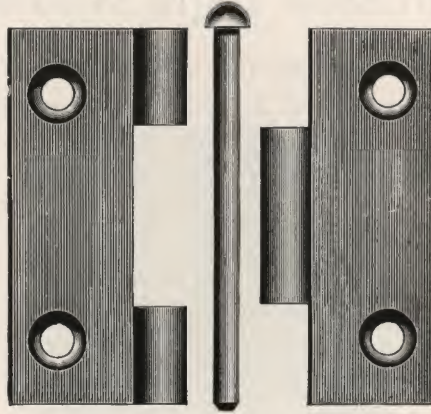
Size Inches	No. 810-OC Planished Old Copper	No. 810-OCS Old Copper Sand Finish	No. 810-BZ Planished Bronze	No. 810-DB Planished Dull Brass
1	\$0.97	\$1.30	\$0.65	\$0.97
1¼	1.02	1.35	.70	1.02
1½	1.07	1.40	.75	1.07
1¾	1.15	1.50	.83	1.15
2	1.25	1.60	.92	1.25
2¼	1.35	1.70	1.03	1.35
2½	1.45	1.80	1.13	1.45
2¾	1.55	1.90	1.20	1.55
3	1.85	2.50	1.25	1.85
3½	2.55	3.20	1.90	2.55

Size Inches	No. 810-N Planished Nickel	No. 810-OB Planished Oxid. Brass	No. 810-OBS Oxid. Brass Sand Finish	No. 810-DE Dead Black Electro Plate
1	\$2.55	\$0.97	\$1.30	\$1.45
1¼	2.60	1.02	1.35	1.50
1½	2.65	1.07	1.40	1.55
1¾	2.75	1.15	1.50	1.63
2	2.85	1.25	1.60	1.72
2¼	2.95	1.35	1.70	1.83
2½	3.05	1.45	1.80	1.95
2¾	3.10	1.55	1.90	2.00
3	3.95	1.85	2.50	2.55
3½	4.60	2.55	3.20	3.20

Size Inches	No. 810-D Dipped Dead Black	No. 810-J Japanned
1	\$0.60	\$0.40
1¼	.65	.45
1½	.70	.50
1¾	.75	.55
2	.85	.65
2¼	.95	.80
2½	1.00	.90
2¾	1.05	.95
3	1.15	1.05
3½	1.75	1.40

Packed one dozen pair in a box with screws.

For other finishes see page 5.



No. 820
Wrought Steel
Loose Pin Light Narrow Butts

Bright Steel

Size, Length Inches	Price Per dozen Pr.	Size of Screw	Dozen pair in a case	Weight per case
1¼	\$0.85	5	100	90
1½	.90	5	100	100
1¾	1.00	5	100	132
2	1.10	6	100	192
2¼	1.25	6	50	110
2½	1.45	6	50	128
2¾	1.55	7	50	175
3	1.80	7	50	208
3½	2.70	8	25	152

Prices continued on opposite page.

The 2½-in. and smaller have three knuckles in the joint, the larger sizes five.

Packed one dozen pair in a box.

Wrought Steel Loose Pin Light Narrow Butts

(Continued from opposite page.)

Prices are per dozen pair, and include plated screws to match.

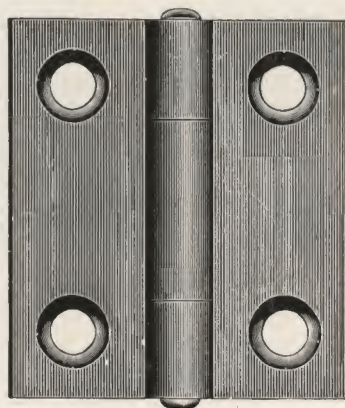
Size Inches	No. 820-OC Planished Old Copper	No. 820-OCS Old Copper Sand Finish	No. 820-Bz Planished Bronze	No. 820-DB Planished Dull Brass
1¼	\$1.37	\$1.70	\$1.05	\$1.37
1½	1.37	1.70	1.05	1.37
1¾	1.48	1.80	1.16	1.48
2	1.62	1.95	1.30	1.62
2¼	1.75	2.10	1.44	1.75
2½	1.90	2.20	1.58	1.90
2¾	2.00	2.30	1.65	2.00
3	2.40	3.00	1.75	2.40
3½	3.05	3.70	2.40	3.05

Size Inches	No. 820-N Planished Nickel	No. 820-OB Planished Oxid Brass	No. 820-OBS Old Brass Sand Finish	No. 820-DE Dead Black Electro Plate
1¼	\$2.85	\$1.37	\$1.70	\$1.85
1½	2.85	1.37	1.70	1.85
1¾	2.95	1.48	1.80	1.95
2	3.10	1.62	1.95	2.10
2¼	3.25	1.75	2.10	2.25
2½	3.40	1.90	2.20	2.35
2¾	3.45	2.00	2.30	2.45
3	4.00	2.40	3.00	3.00
3½	4.65	3.05	3.70	3.70

Size Inches	No. 820-D Dipped Dead Black	No. 820-J Japanned
1¼	\$0.90	\$0.70
1½	.90	.70
1¾	1.00	.75
2	1.10	.80
2¼	1.20	.90
2½	1.30	1.00
2¾	1.40	1.10
3	1.60	1.30
3½	2.25	1.90

Packed one dozen pair in a box, with screws.

For other finishes see page 5



Wrought Steel Narrow Butts No. 850

Bright Steel, Tight Pin

Size Inches	Price per dozen	Size of Screw	Dozen pair in Case	Weight per Case
1¼	\$0.50	6	100	105
1½	.65	6	100	135
1¾	.80	6	100	188
2	.90	7	100	225
2¼	1.05	7	50	135
2½	1.10	7	50	165
3	1.45	8	50	234
3½	2.00	9	25	190

Price continued on opposite page.

Packed one dozen pair in a box.

The 2½-in. and smaller have three knuckles in the joint, the larger sizes five.

Wrought Steel Narrow Butts

Tight Pin

Continued from opposite page.

Prices are per dozen pair, and include screws plated to match.

Size Inches	No. 850-OC Planished Old Copper	No. 850-OCS Old Copper Sand Finish	No. 850-Bz Planished Bronze	No. 250-DB Planished Dull Brass
1¼	\$1.07	\$1.40	\$0.75	\$1.07
1½	1.15	1.47	.82	1.15
1¾	1.22	1.55	.90	1.22
2	1.37	1.70	1.05	1.37
2¼	1.57	1.90	1.25	1.57
2½	1.75	2.05	1.40	1.75
3	2.35	3.00	1.70	2.35
3½	2.85	3.50	2.20	2.85

Size Inches	No. 850-OB Planished Oxid. Brass	No. 850-OBS Oxid. Brass Sand Finish	No. 850-N Planished Nickel	No. 850-DE Dead Black Electro Plate
1¼	\$1.07	\$1.40	\$2.65	\$1.55
1½	1.15	1.47	2.75	1.62
1¾	1.22	1.55	2.80	1.70
2	1.37	1.70	2.95	1.85
2¼	1.57	1.90	3.15	2.05
2½	1.75	2.05	3.30	2.20
3	2.35	3.00	4.40	3.00
3½	2.85	3.50	4.90	3.50

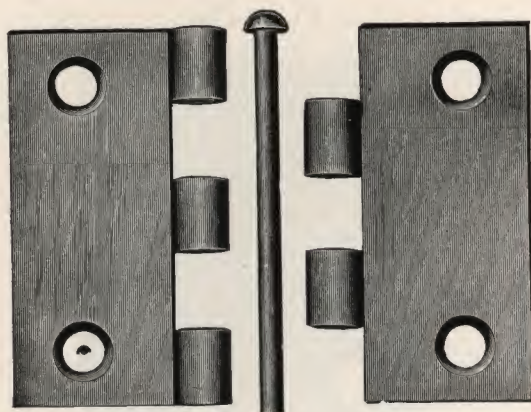
Size Inches	No. 850-D Dipped Dead Black	No. 850-J Japanned
1¼	\$0.60	\$0.45
1½	.65	.55
1¾	.70	.65
2	.80	.70
2¼	1.00	.80
2½	1.10	.90
3	1.35	1.10
3½	1.60	1.40

One dozen pair in a box, with screws.

For other finishes see page 5.

Wrought Steel Light Reversible Butts No. 830

Loose Pin, Bright Steel

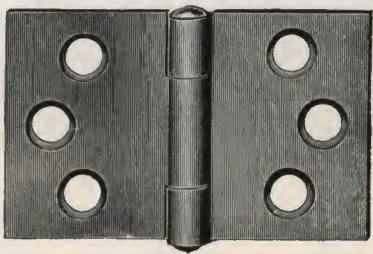


Size Open Inches	Per Dozen Pairs	Screw Holes in each Butt	Size of Screw Number	Dozen Pairs in a Case	Average Weight of Full Case
2 x2	\$1.40	4	7	50	118
2½x2	1.60	6	7	50	150
2½x2½	1.80	6	7	50	178
3 x2½	2.40	6	8	50	239
3 x3	2.60	6	8	25	150
Size Open Inches	No. 830-OC Planished Old Copper	No. 830-DB Planished Dull Brass	No. 830-BZ Planished Bronze	No. 830-OB Planished Oxid. Brass	
2 x2	\$1.82	\$1.82	\$1.50	\$1.82	
2½x2	2.03	2.03	1.70	2.03	
2½x2½	2.08	2.08	1.75	2.08	
3 x2½	2.43	2.43	2.10	2.43	
3 x3	2.53	2.53	2.20	2.53	
Size Open Inches	No. 830-OCS Old Copper Sand Finish	No. 830-N Planished Nickel	No. 830-D Dipped Dead Black	No. 830-DE Dead Black Electro Plate	
2 x2	\$2.15	\$3.20	\$1.25	\$2.55	
2½x2	2.35	3.40	1.45	2.85	
2½x2½	2.40	3.50	1.50	3.00	
3 x2½	2.75	3.75	1.80	3.30	
3 x3	2.85	3.95	1.90	3.45	
Size Open Inches	No. 830-J Japanned				
2 x2	\$1.00				
2½x2	1.10				
2½x2½	1.25				
3 x2½	1.70				
3 x3	1.80				

All sizes have five knuckles in the joint.

All packed one dozen pair in a box.

Plated butts all packed with plated screws to match.



Wrought Steel Light Inside Blind Butts
No. 860

Bright Steel

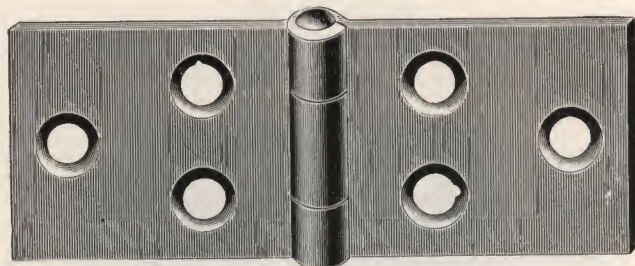
Size, Length of Joints	Size of Screws	Dozen Pairs in a Case	Average Weight of a Full Case
1	4	100	71
1 1/8	5	100	92
1 1/4	5	100	111
1 1/2	5	100	115

Size Length of Joint	No. 860 Bright Steel	No. 860-OC Planished Old Copper	No. 860-DB Planished Dull Brass	No. 860-OB Planished Oxid. Baass
1	\$0.60	\$1.05	\$1.05	\$1.05
1 1/8	.65	1.10	1.10	1.10
1 1/4	.70	1.15	1.15	1.15
1 1/2	.80	1.30	1.30	1.30

Size Length of Joint	No. 860-Bz Planished Bronze	No. 860-OCS Old Copper Sand Finish	No. 860-N Planished Nickel	No. 860-DE Dead Black Electro Plate
1	\$0.75	\$1.40	\$2.55	\$1.65
1 1/8	.80	1.45	2.60	1.70
1 1/4	.84	1.50	2.65	1.75
1 1/2	.95	1.60	2.75	1.85

Six screw holes in each butt.
All packed one dozen pair in a box.
Plated finishes packed with plated screws to match.

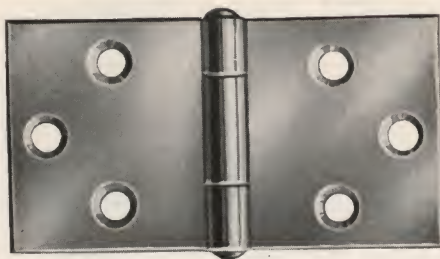
For list of other finishes see page 5.



No. 825 Wrought Steel Back Flaps

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen Pair in a Case	Average Weight of Case
$\frac{7}{8}$ "	\$0.75	6	100	149
1"	.80	6	100	171
$1\frac{1}{8}$ "	.90	6	100	196
$1\frac{1}{4}$ "	1.00	7	100	237
$1\frac{1}{2}$ "	1.20	8	50	149
$1\frac{3}{4}$ "	1.45	8	50	205
2"	1.70	8	50	256

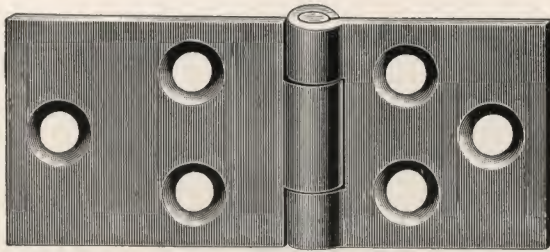
Packed one dozen pairs in a box.



No. 826 Wrought Steel Square Back Flaps

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen pair in a Case	Average Weight of Case
1"	\$0.75	6	100	127
$1\frac{1}{4}$ "	.90	7	100	174
$1\frac{1}{2}$ "	1.05	8	100	237
$1\frac{3}{4}$ "	1.30	8	50	175
2"	1.40	8	50	229

Packed one dozen pairs in a box.

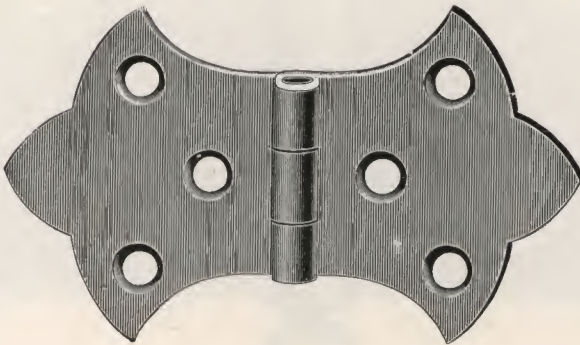


No. 815 Wrought Steel Table Hinges

Flush Riveted

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen Pair in Case	Average Weight of Case
1"	\$0.75	6	100	157
1 $\frac{1}{8}$ "	.80	7	100	171
1 $\frac{1}{4}$ "	.90	7	100	205
1 $\frac{1}{2}$ "	1.05	8	50	135
1 $\frac{3}{4}$ "	1.30	9	50	162
2"	1.40	9	50	231

Packed one dozen pair in a box.



Wrought Steel Ornamental Hinges

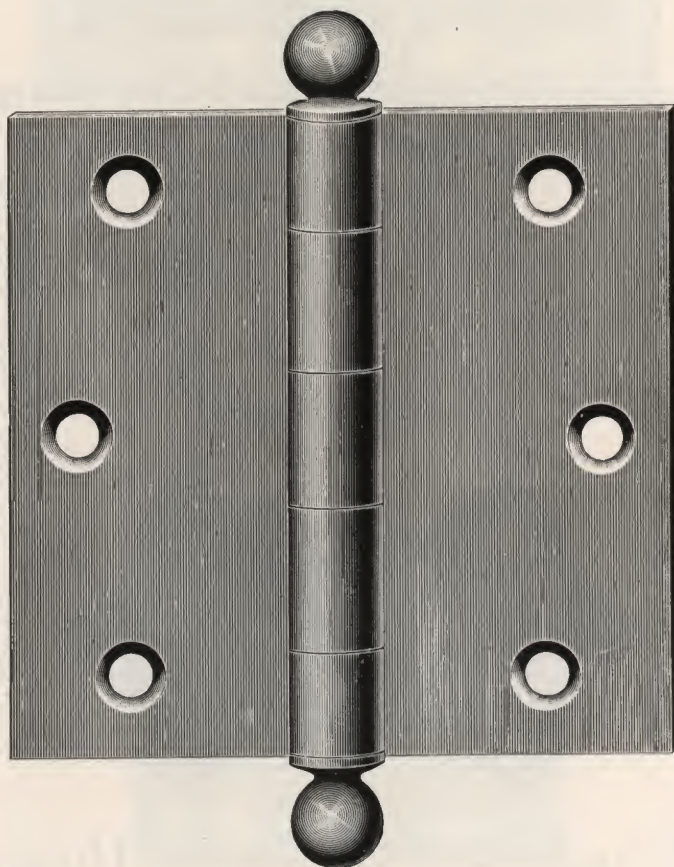
"Butterfly" Pattern

Number	Description	Size 13-16 inch	Size 1-inch
1340-Bz	Bronze Plated	\$1.25	\$1.50
1340-BB	Buffed Brass	1.25	1.50
1340-OC	Old Copper	1.25	1.50
1340-DB	Dull Brass	1.25	1.50
1340-OB	Oxid. Brass	1.25	1.50
1340-N	Nickel Plated	1.50	1.80

Width when open, $1\frac{3}{16} \times 2\frac{1}{2}$; 1×3 .

Prices are per dozen pair, with plated screws to match.

Packed one dozen pair in a box, with screws. Weigh 13 oz. and 1 Lb. 9 oz. pepr pair.



Wrought Steel Loose Pin Butts

With Ball Tips

The $2\frac{1}{2} \times 2\frac{1}{2}$ in. and larger have five knuckles in the joint. The 2×2 in. have three.

For list prices see opposite page.

Wrought Steel Loose Pin Butts

With Ball Tips

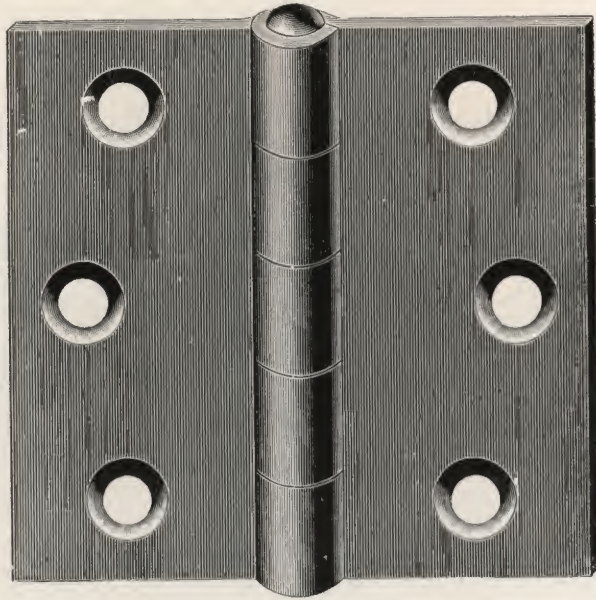
For cut see opposite page.

Size Inches Open	No. 8230 Bright Steel Per Dozen Pairs	No. 7310 Japanned Per Dozen Pairs	Screw Holes in Each Butt	Size of Screw Number	Dozen Pair in a Case	Average Weight of Full Case Pounds
2 x2	\$1.30	\$1.70	4	7	25	100
2½x2½	1.60	2.00	6	8	25	150
3 x2½	1.80	2.10	6	9	25	192
3 x3	1.85	2.15	6	9	20	180
3½x3	2.15	2.25	6	10	20	234
3½x3½	2.25	2.40	6	10	15	200
4 x4	2.75	2.90	8	10	12	212
4½x4½	3.35	4.00	8	11	10	230
5 x5	4.50	5.50	8	12	6	218

Size Inches Open	No. 7310 Japanned with Screws per Pair	No. 7330 Japanned Dead Black per Pair with Screws	Pairs in a Case	Average Weight of a Full Case
2 x2	\$0.19	\$0.22	102	40
2½x2½	.22	.25	102	62
3 x3	.23	.26	100	90
3½x3½	.25	.27	100	128
4 x4	.31	.34	100	172
4½x4½	.42	.47	100	235
5 x5	.60	.64	50	160

Nos. 8230 and 7310 without screws, one-half dozen pair in a box.

No. 7310 with screws, and No. 7330, 2x2 and 2½x2½, six pairs in a box with screws, larger sizes, one pair.



No. 8080 Wrought Steel Broad Butts

Bright Steel, Fast Joint

Size Open	Price per Dozen Pairs	Size of Screw	Dozen Pair in a Case	Average Weight of a Case
2 x 2	\$1.20	7	50	162
2½ x 2½	1.60	8	50	255
2 x 2½	1.25	7	50	204
3 x 2½	2.05	9	25	168
3 x 3	2.40	9	25	194
3 x 3½	2.70	9	25	219
3½ x 3	3.20	10	25	258
3½ x 3½	3.50	10	20	235
4 x 4	4.30	10	15	236
4½ x 4½	5.60	11	10	230
5 x 5	6.90	12	8	251

Prices continued on opposite page.

Packed one-half dozen pair in a box.

When two dimensions are given, the first always indicates the length of the joint.
The 2x2 have three knuckles in the joint, the other sizes, five.

Wrought Steel Broad Butts

Continued from opposite page.

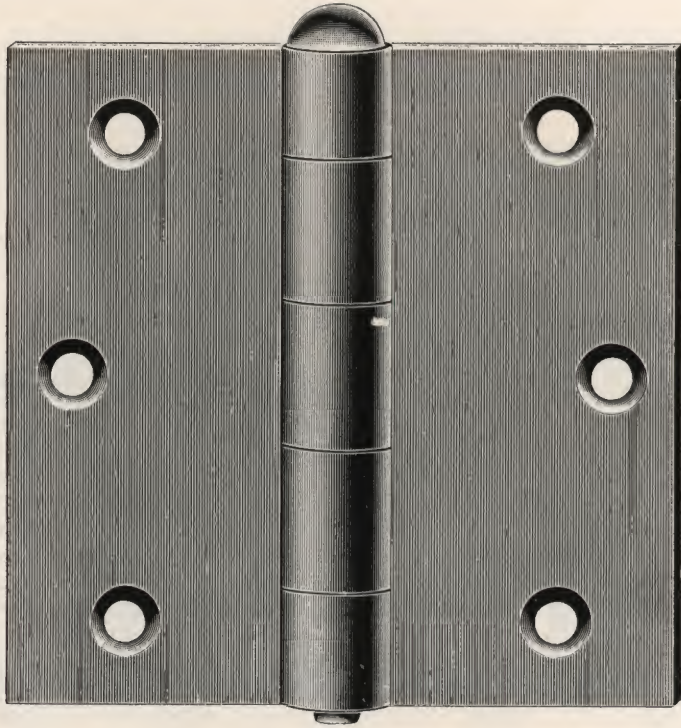
Prices are per dozen pair, and include plated screws to match.

Size Open	No. 8080-OC Planished Old Copper	No. 8080-OCS Old Copper Sand Finish	No. 8080-Bz Planished Bronze	No. 8080-DB Planished Dull Brass
2 x2	\$2.05	\$2.40	\$1.70	\$2.05
2½x2½	2.65	3.00	2.30	2.65
3 x2½	2.85	3.20	2.50	2.85
3 x3	3.40	4.10	2.70	3.40
3½x3½	4.05	4.75	3.35	4.05
4 x4	4.80	5.50	4.10	4.80
4½x4½	5.80	6.50	5.10	5.80
5 x5	7.30	8.00	6.60	7.30

Size Open	No. 8080-OB Planished Oxid. Brass	No. 8080-OCS Oxid. Brass Sand Finish	No. 8080-N Planished Nickel	No. 8080-DE Dead Black Electro Plate
2 x2	\$2.05	\$2.40	\$3.00	\$2.60
2½x2½	2.65	3.00	3.70	3.20
3 x2½	2.85	3.20	4.40	3.40
3 x3	3.40	4.10	4.70	4.10
3½x3½	4.05	4.75	5.30	4.75
4 x4	4.80	5.50	6.00	5.50
4½x4½	5.80	6.50	7.00	6.50
5 x5	7.30	8.00	8.50	8.00

Size Open	No. 8080-D Dipped Dead Black	No. 8080-J Japanned	No. 8080-G Galvanized with Brass Pins
2 x2	\$1.40	\$0.95	\$2.00
2½x2½	1.90	1.20	2.80
3 x2½	2.10	1.50	3.40
3 x3	2.40	1.75	3.60
3½x3½	3.10	2.50	5.20
4 x4	3.85	3.10	6.80
4½x4½	4.75	4.00	8.50
5 x5	6.00	4.90	12.00

Packed one-half dozen pair in a box.



Wrought Steel Reversible Butts No. 8040

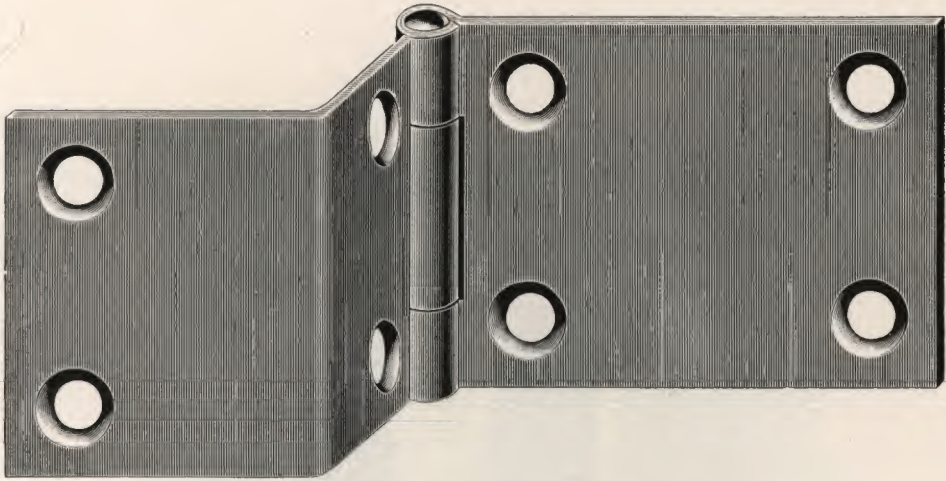
Bright Steel

Size Open	No. 8040 Price per Dozen Pairs	No. 8040-G Galvanized with Brass Pins per Doz.	Size of Screw	Dozen Pair in a Case	Average Weight of Case
2 x2	\$1.40	\$3.25	7	50	162
2 x2½	1.50	3.45	7	50	204
2½x2½	1.80	4.05	8	50	255
3 x2½	2.40	4.60	9	25	167
3 x3	2.60	4.80	9	25	196
3 x3½	3.00	5.50	9	25	221
3½x3	3.60	6.30	10	20	207
3½x3½	3.80	6.90	10	20	238
4 x4	4.70	9.40	10	12	192
4½x4½	5.90	11.90	11	10	218
5 x5	7.70	14.35	12	8	255

Can be furnished in any of the plated finishes if desired.

Packed one-half dozen pair in a box.

When two dimensions are given, the first always indicates the length of the joint.
The 2x2 have three knuckles in the joint, all other sizes have five.



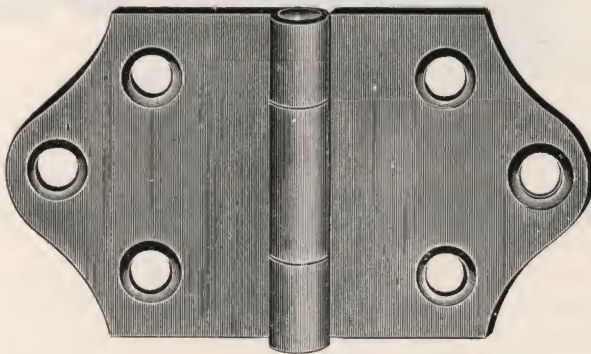
No. 8065 Wrought Steel Chest Hinges

Size, Length of Joint Inches	Width of Off-set from Joint to Bend, Inches	Per Dozen Pair
1½	½	\$1.35
1½	5⁄8	1.35
1½	¾	1.35
1½	7⁄8	1.35
2	1½	1.90
2	5⁄8	1.90
2	¾	1.90
2	7⁄8	1.90

1½" countersunk for No. 7 screws, 2" for No. 8.

One dozen pair in a box.

*In ordering be sure and state size and off-set wanted.



Wrought Steel Wash Tray Hinges

Size, Length of Joint Inches	No. 870-G Galvanized, with Brass Pins	No. 870-Bz Planished Bronze	Width Open Inches
1	\$2.25	\$1.80	2¾
1¾	2.70	2.00	3⅞
2	3.25	2.25	4⅞

Packed one dozen pair in a box, with screws to match.



Beveled Edge Ornamental Surface Butts

With Ball Tips

This hinge is reversible, and can be made either right or left hand by unscrewing the Ball Tip, reversing the pin and screwing the tip in the opposite end.

This Hinge is a great time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

The 1½ in. is made with oval head loose pins, instead of Ball Tips.

The 1½ in., 2 in. and 2½ in. are packed 102 pair in a case, the larger sizes, 100 pairs

Beveled Edge Ornamental Steel Surface Butts

With Ball Tips

For cut see opposite page.

List Prices

Size Inches	No. 344-OC Planished Old Copper	No. 344-OCS Old Copper Sand Finish	No. 344-Bz Planished Bronze	No. 344-DB Planished Dull Brass
1½	\$0.12	\$0.14	\$0.12	\$0.12
2	.20	.22	.20	.20
2½	.25	.27	.25	.25
3	.30	.32	.30	.30
3½	.32	.34	.32	.32
4	.40	.42	.40	.40

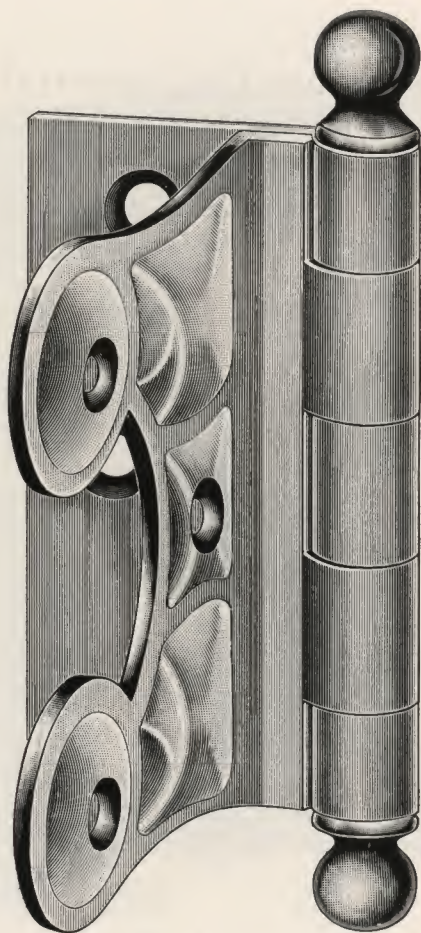
Size Inches	No. 344-OB Planished Oxid. Brass	No. 344-OBS Oxid. Brass Sand Finish	No. 344-N Planished Nickel	No. 344-DE Dead Black Electro Plate
1½	\$0.12	\$0.14	\$0.16	\$0.16
2	.20	.22	.26	.26
2½	.25	.27	.30	.30
3	.30	.32	.40	.36
3½	.32	.34	.44	.40
4	.40	.42	.50	.48

Size Inches	No. 344-D Dipped Dead Black	No. 344-J Japanned	Weight per Dozen Pair
1½	\$0.10	\$0.08	2½ Lbs.
2	.16	.12	3½
2½	.20	.18	4½
3	.24	.20	12
3½	.26	.24	19
4	.32	.28	23

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.



Embossed Ornamental Steel Surface Butts With Ball Tips

This Hinge is reversible, and can be made either right or left hand by unscrewing the Ball Tip, reversing the pin and screwing the tip in the opposite end.

This Hinge is a great time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

The 1½ in. is made with oval head loose pins, instead of Ball Tips.

1½ in., 2 in. and 2½ in. packed 102 pairs in a case, other sizes, 100 pairs.

Embossed Ornamental Steel Surface Butts

With Ball Tips

For cut see opposite page.

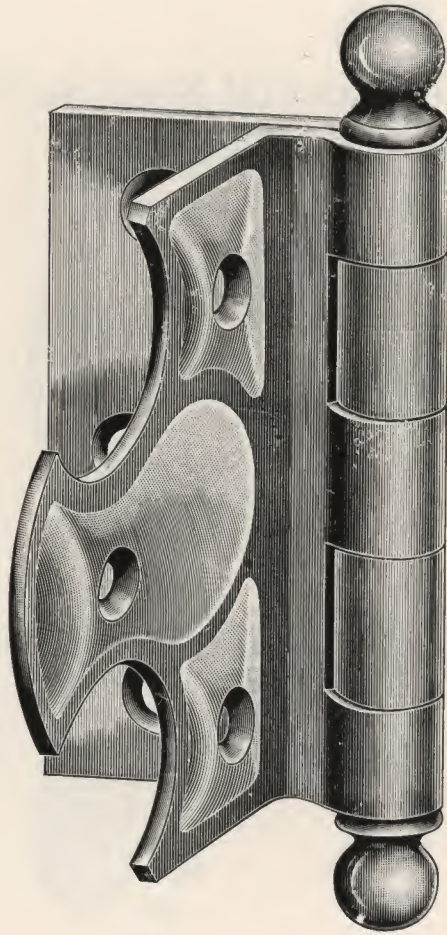
List Prices

Size Inches	No. 441-OC Planished Old Copper	No. 444-OCS Old Copper Sand Finish	No. 444-Bz Planished Bronze	No. 444-DB Planished Dull Brass
1½	\$0.12	\$0.14	\$0.12	\$0.12
2	.20	.22	.20	.20
2½	.25	.27	.25	.25
3	.30	.32	.30	.30
3½	.32	.34	.32	.32
4	.40	.42	.40	.40
Size Inches	No. 444OB Planished Oxid. Brass	No. 444-OBS Oxid. Brass Sand Finish	No. 444-N Planished Nickel	No. 444-DE Dead Black Electro Plate
1½	\$0.12	\$0.14	\$0.16	\$0.16
2	.20	.22	.26	.26
2½	.25	.27	.30	.30
3	.30	.32	.40	.36
3½	.32	.34	.44	.40
4	.40	.42	.50	.48
Size Inches	No. 444-D Dipped Dead Black	No. 444-J Japanned	Weigh per Dozen Pair	
1½	\$0.10	\$0.08	2	Lbs.
2	.16	.12	3	
2½	.20	.18	4	
3	.24	.20	11½	
3½	.26	.24	18	
4	.32	.28	22	

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.



Embossed Ornamental Steel Surface Butts

With Ball Tips

This Hinge is reversible, and can be made either right or left hand by unscrewing the Ball Tip, reversing the pin and screwing the tip in the opposite end.

This Hinge is a great time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

The $1\frac{1}{2}$ in. is made with oval head loose pins, instead of Ball Tips.

$1\frac{1}{2}$ in., 2 in. and $2\frac{1}{2}$ in. are packed 102 pairs in a case, other sizes, 100 pairs.

Embossed Ornamental Steel Surface Butts

With Ball Tips

For cut see opposite page.

List Prices

Size Inches	No. 440-OC Planished Old Copper	No. 440-OCS Old Copper Sand Finish	No. 440-Bz Planished Bronze	No. 440-DB Planished Dull Brass
1½	\$0.12	\$0.14	\$0.12	\$0.12
2	.20	.22	.20	.20
2½	.25	.27	.25	.25
3	.30	.32	.30	.30
3½	.32	.34	.32	.32
4	.40	.42	.40	.40

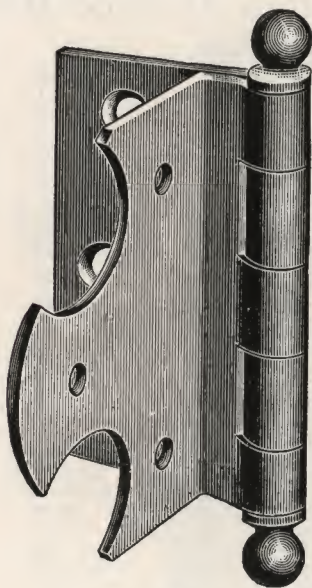
Size Inches	No. 440-OB Planished Oxid. Brass	No. 440-OBS Oxid. Brass Sand Finish	No. 440-N Planished Nickel	No. 440-DE Dead Black Electro Plate
1½	\$0.12	\$0.14	\$0.16	\$0.16
2	.20	.22	.26	.26
2½	.25	.27	.30	.30
3	.30	.32	.40	.36
3½	.32	.34	.44	.40
4	.40	.42	.50	.48

Size Inches	No. 440-D Dipped Dead Black	No. 440-J Japanned	Weight per Dozen Pair
1½	\$0.10	\$0.08	2 Lbs.
2	.16	.12	3
2½	.20	.18	4
3	.24	.20	11½
3½	.26	.24	18
4	.32	.28	22

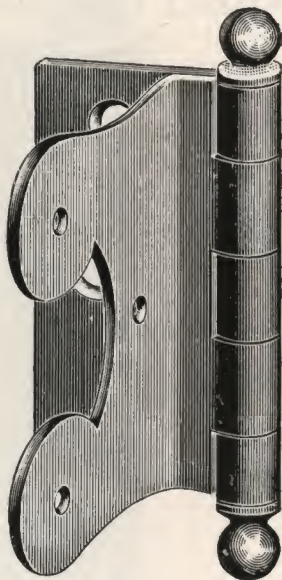
Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.



No. 2440



No. 2444

Ornamental Steel Surface Butts

With Ball Tips

This butt is reversible, and can be made either right or left hand by unscrewing the ball tip, reversing the pin and screwing the tip in the opposite end.

It is a great time and labor saver in hanging doors. It is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

The 1½ in. is made with oval head loose pin, instead of ball tip pin.

The 1½ in., 2 in. and 2½ in. are packed 102 pairs in a case. Other sizes, 100 pairs.

Ornamental Steel Surface Butts

With Ball Tips

For cut see opposite page.

List Prices

Size Inches	No. 2444-OC Planished Old Copper	No. 2444-OCS Old Copper Sand Finish	No. 2444-Bz Planished Bronze	No. 2444-DB Planished Dull Brass
1½	\$0.12	\$0.14	\$0.12	\$0.12
2	.20	.22	.20	.20
2½	.25	.27	.25	.25
3	.30	.32	.30	.30
3½	.32	.34	.32	.32
4	.40	.42	.40	.40

Size Inches	No. 2444-OB Planished Oxid. Brass	No. 2444-OBS Oxid. Baass Sand Finish	No. 2444-N Planished Nickel	No. 2444-DE Dead Black Electro Plate
1½	\$0.12	\$0.14	\$0.16	\$0.16
2	.20	.22	.26	.26
2½	.25	.27	.30	.30
3	.30	.32	.40	.36
3½	.32	.34	.44	.40
4	.40	.42	.50	.48

Size Inches	No. 2444-D Dipped Dead Black	No. 2444-J Japanned	Weight per Dozen Pair
1½	\$0.10	\$0.08	2 Lbs.
2	.16	.12	3
2½	.20	.18	4
3	.24	.20	11½
3½	.26	.24	18
4	.32	.28	22

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.



Cut actual size.

Ornamental Steel Half Surface Butts

Embossed

No. 140-DE	Dead Black Electro Plate	\$2.00
No. 140-OC	Old Copper	1.80
No. 140-OCS	Old Copper Sand Finish	2.00
No. 140-Bz	Bronze	1.80
No. 140-DB	Dull Brass	1.80
No. 140-N	Nickel	2.00
No. 140-OB	Oxidized Brass	1.80
No. 140-OBS	Oxidized Brass Sand Finish	2.00



Cut actual size.

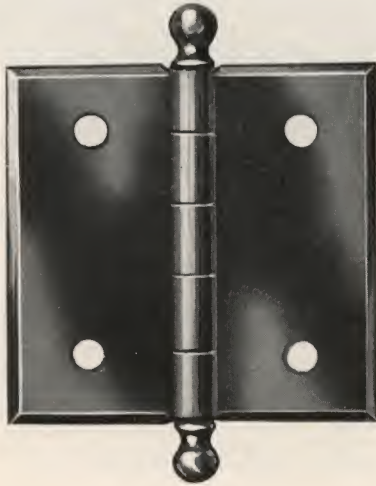
Embossed

No. 141-DE	Dead Black Electro Plate	\$2.00
No. 141-OC	Old Copper	1.80
No. 141-OCS	Old Copper Sand Finish	2.00
No. 141-Bz	Bronze	1.80
No. 141-DB	Dull Brass	1.80
No. 141-N	Nickel	2.00
No. 141-OB	Oxidized Brass	1.80
No. 141-OBS	Oxidized Brass Sand Finish	2.00

Packed one dozen pair in a box, with screws.

Weigh 2 Lbs. per dozen.

Prices are per dozen pair, with plated screws to match.



Ornamental Surface Hinge

Beveled Edge, Ball Tips

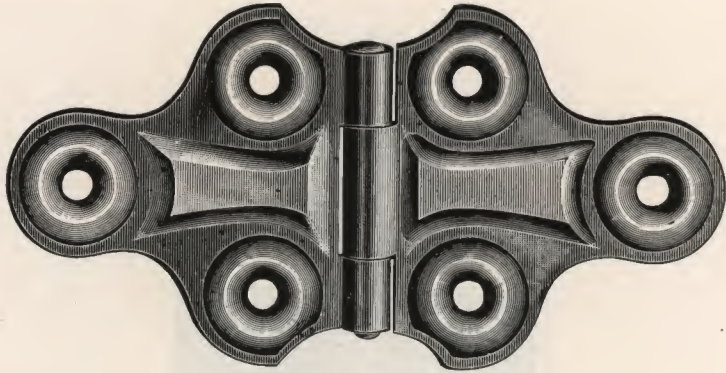
List Prices Per Pair

		1½-in.	2-in.	2½-in.
No. 340-OC	Old Copper	\$0.12	\$0.20	\$0.25
No. 340-OCS	Old Copper Sand .....	.14	.22	.27
No. 340-Bz	Bronze .....	.12	.20	.25
No. 340-DB	Dull Brass .....	.12	.20	.25
No. 340-OB	Oxidized Brass .....	.12	.20	.25
No. 340-OBS	Oxidized Brass Sand .....	.14	.22	.27
No. 340-N	Nickel .....	.16	.26	.30
No. 340-DE	Dead Black Electro .....	.16	.26	.30

1½ in. weigh 3 Lbs. per dozen pair, 2 in., 6 Lbs., 2½ in., 8 Lbs.

Packed three pair in a box, with screws to match.

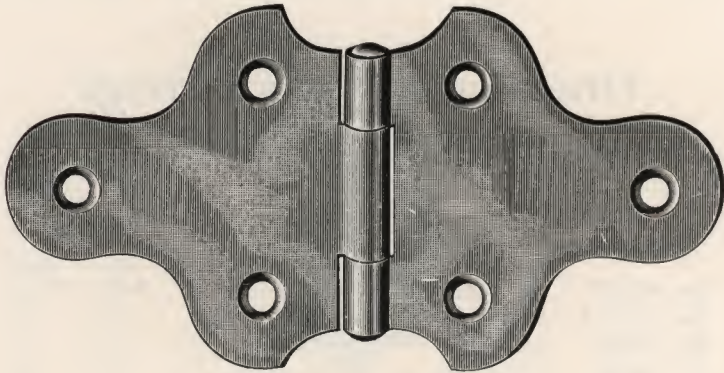
The 1½ in. have oval head pins, the 2 in. and 2½ in., Ball Tips and Nibs.



Cut actual size.

Ornamental Steel Surface Hinges Embossed

No. 1044-DE	Dead Black Electro Plate	\$2.00
No. 1044-OC	Old Copper	1.80
No. 1044-OCS	Old Copper Sand Finish	2.00
No. 1044-Bz	Bronze	1.80
No. 1044-DB	Dull Brass	1.80
No. 1044-N	Nickel	2.00
No. 1044-OB	Oxidized Brass	1.80
No. 1044-OBS	Oxidized Brass Sand Finish	2.00



Ornamental Steel Surface Hinges

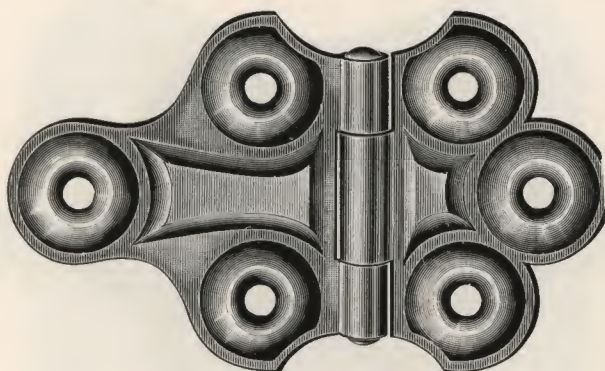
Cut actual size.

No. 1040-DE	Dead Black Electro Plate	\$2.00
No. 1040-OC	Old Copper	1.80
No. 1040-OCS	Old Copper Sand Finish	2.00
No. 1040-Bz	Bronze	1.80
No. 1040-DB	Dull Brass	1.80
No. 1040-N	Nickel	2.00
No. 1040-OB	Oxidized Brass	1.80
No. 1040-OBS	Oxidized Brass Sand Finish	2.00

Packed one dozen pair in a box, with screws.

Weigh 2 Lbs. 9 oz. per dozen pair.

Prices are per dozen pair, with plated screws to match.

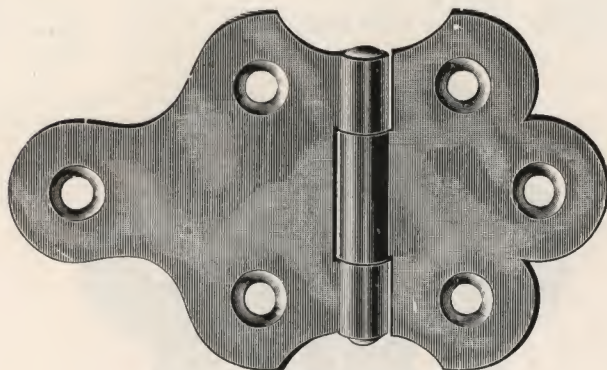


Cut actual size.

Ornamental Steel Surface Hinges

Embossed

No. 1144-DE	Dead Black Electro Plate	\$2.00
No. 1144-OC	Old Copper	1.80
No. 1144-OCS	Old Copper Sand Finish	2.00
No. 1144-Bz	Bronze	1.80
No. 1144-DB	Dull Brass	1.80
No. 1144-N	Nickel	2.00
No. 1144-OB	Oxidized Brass	1.80
No. 1144-OBS	Oxidized Brass Sand Finish	2.00



Cut actual size.

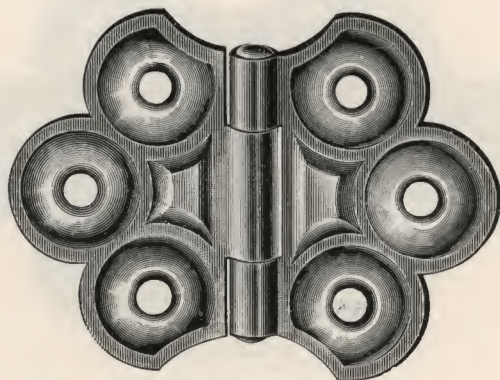
Ornamental Steel Surface Hinges

No. 1140-DE	Dead Black Electro Plate	\$2.00
No. 1140-OC	Old Copper	1.80
No. 1140-OCS	Old Copper Sand Finish	2.00
No. 1140-Bz	Bronze	1.80
No. 1140-DB	Dull Brass	1.80
No. 1140-N	Nickel	2.00
No. 1140-OB	Oxidized Brass	1.80
No. 1140-OBS	Oxidized Brass Sand Finish	2.00

Packed one dozen pair in a box, with screws.

Weigh 2 Lbs. 5 oz. per dozen pair.

Prices are per dozen pair, with plated screws to match.

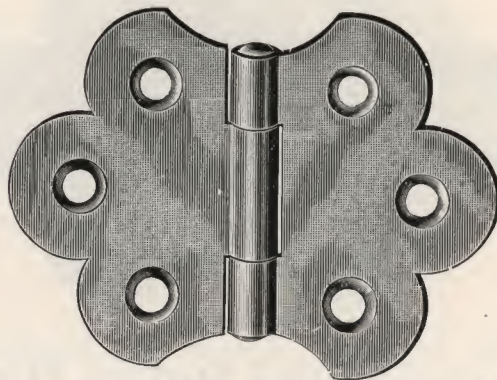


Cut actual size.

Ornamental Steel Surface Hinges

Embossed

No. 1244-DE	Dead Black Electro Plate	\$2.00
No. 1244-OC	Old Copper	1.80
No. 1244-OCS	Old Copper Sand Finish	2.00
No. 1244-Bz	Bronze	1.80
No. 1244-DB	Dull Brass	1.80
No. 1244-N	Nickel	2.00
No. 1244-OB	Oxidized Brass	1.80
No. 1244-OBS	Oxidized Brass Sand Finish	2.00



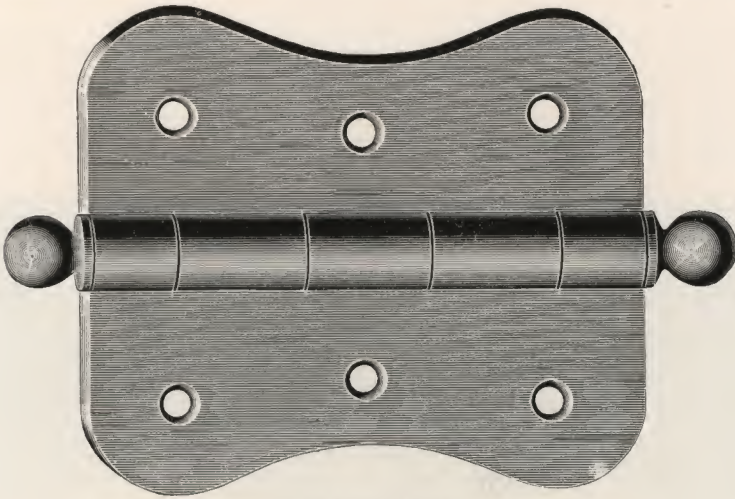
Cut actual size.

No. 1240-DE	Dead Black Electro Plate	\$2.00
No. 1240-OC	Old Copper	1.80
No. 1240-OCS	Old Copper Sand Finish	2.00
No. 1240-Bz	Bronze	1.80
No. 1240-DB	Dull Brass	1.80
No. 1240-N	Nickel	2.00
No. 1240-OB	Oxidized Brass	1.80
No. 1240-OBS	Oxidized Brass Sand Finish	2.00

Packed one dozen pair in a box, with screws.

Weigh 2 Lbs. per doz. pair.

Prices are per dozen pair, with plated screws to match.



Cut actual size.

Screen Door Butts

Loose Pin, Ball Tips

No. 124-OC	Old Copper	\$2.00
No. 124-OCCS	Old Copper Sand	2.40
No. 124-DB	Dull Brass	2.00
No. 124-Bz	Bronze	2.00
No. 124-N	Nickel	2.60
No. 124-OB	Oxidized Brass	2.00
No. 124-OBS	Oxidized Brass Sand	2.40
No. 124-DE	Dead Black Electro Plate	2.40
No. 124-J	Japanned	1.50

Half dozen pair in box, with screws.

Weight, 7 Lbs. per doz. pairs.



One-Piece Stop Bead Screws

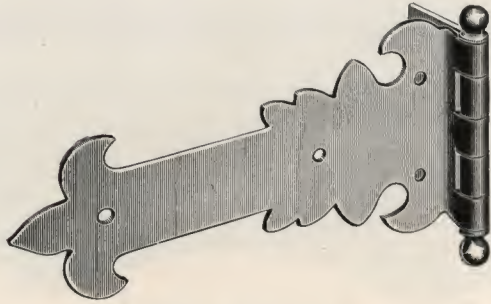
No Washer Required

		Per Gross	
		1½x8	1¼x10
No. 144-OC	Old Copper	\$0.80	\$0.90
No. 144-OCS	Old Copper Sand	1.00	1.10
No. 144-DB	Dull Brass .....	.80	.90
No. 144-Bz	Bronze .....	.80	.90
No. 144-N	Nickel	1.10	1.20
No. 144-OB	Oxidized Brass .....	.80	.90
No. 144-OBS	Oxidized Brass Sand	1.00	1.10

One gross in a box.

1½ in. weigh 1 Lb. per gross.

1¼ in. weigh 1½ Lbs. per gross.



The Colonial Hinge

This Hinge measures 8 in. in length, with a $3\frac{1}{2}$ in. butt. The nibs screw into either end of the butt part, making it applicable for either right or left hand doors.

It is made from high-grade cold rolled steel, and when finished in any of our electro-plated finishes, it has a brilliant polished surface. Gives a massive appearance to a door, and a beauty, style and finish that is otherwise unobtainable.

List Price

No. 944-OC	Old Copper	\$0.80
No. 944-DB	Dull Brass .....	.80
No. 944-N	Nickel	1.00
No. 944-Bz	Bronze .....	.80
No. 944-OCS	Old Copper Sand Blast .....	.90

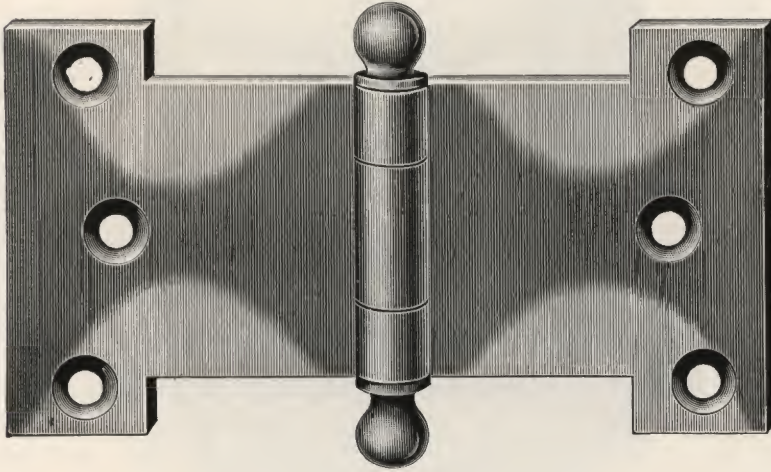
Other finishes can also be furnished.
Packed one pair in a box with screws.



Colonial Hinge Plates

Can be furnished in any length or finish.

Net price on application.



Wrought Steel Parliament Butts

With Loose Pin and Ball Tips

Size Width, open Inches	No. 244-OC Planished Old Copper	No. 244-DB Planished Dull Brass	No. 244-OBS Oxid. Brass Sand Finish	Oo. 244-OCS Old Copper Sand Finish
3½	\$4.85	\$4.85	\$3.50	\$5.30
4	5.30	5.30	5.80	5.80
4½	5.80	5.80	6.50	6.50
5	6.50	6.50	7.25	7.25
6	8.00	8.00	8.75	8.75

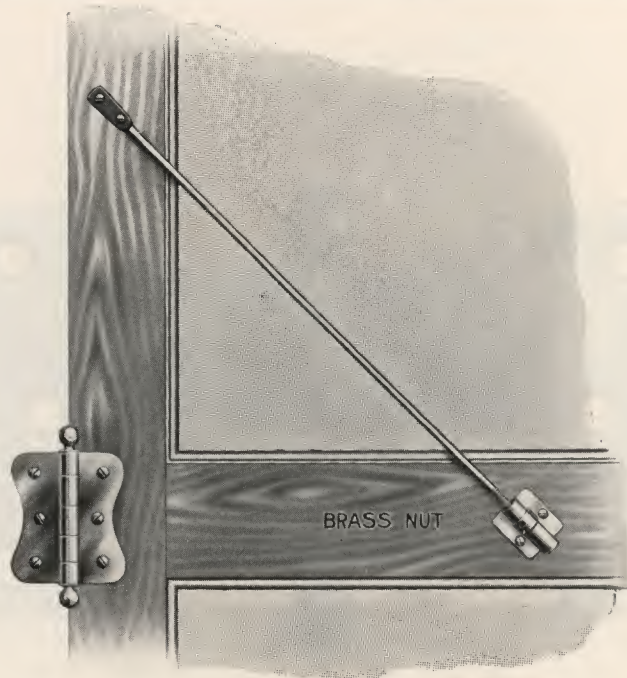
Size Width, open Inches	No. 244-Bz Planished Bronze	No. 244-DE Dead Black Electro Plate	No. 244-J Japanned	No. 244 Bright Steel
3½	\$4.85	\$5.30	3.50	\$2.90
4	5.30	5.80	3.75	3.15
4½	5.80	6.50	4.30	3.60
5	6.50	7.25	4.90	4.25
6	8.00	8.75	5.60	4.75

Fitted for No. 9 Screws.

Packed one-half dozen pair in a box, with plated screws to match.

For other finishes see page 5.

Prices are per dozen pair, with plated screws to match.



No. 152 Screen Door Braces

Japped

These Braces are made from one piece of extra heavy wire, 15 inches in length, with a brass adjusting nut at one end.

The adjusting nut is cross drilled, so that by inserting even a common nail and turning it, the necessary adjustment can be obtained. As brass will not rust to steel, the adjusting nut insures an easy adjustment at all times.

Nothing better for bracing up screen doors.

Packed one dozen in a box with short wires to be used in adjusting Braces.

All the standard plated finishes in stock.

For plated finishes add the abbreviations for finishes as listed on page 5.

Weigh 24 Lbs. Per Gross.



Screen Door Springs

Japped

List Prices Per Gross

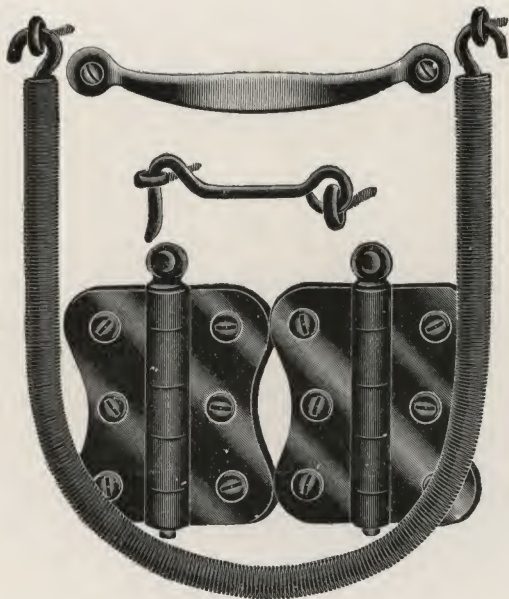
		Weigh per Doz.
No. 2	\$4.50	1¾
No. 3	5.00	2
No. 4	5.50	2¾
No. 5	6.50	3
No. 6	8.00	3¼

With Screw eyes.

Packed one dozen in a box.

Furnished in plated finishes when desired.

For list of finishes see page 5.



Screen Door Sets

Wrought Steel

Each set consists of one pair ball tipped loose pin ornamental butts, one 5½ in. handle, one 2½ in. hook and eye, and one No. 3 special quality spring.

The best and most durable arrangement for handling screen and storm doors, being far superior to spring hinges.

Japanned sets just as shown above. The plated sets have a full ball tipped butt, instead of ball tipped pin only.

One set in a paper box, complete with screws. Six dozen set in a wooden case.

List Prices

Per dozen sets

No. 150-J	Japanned	\$2.50
No. 150-OC	Old Copper	3.50
No. 150-Bz	Bronze	3.50
No. 150-DB	Dull Brass	3.50
No. 150-OB	Oxidized Brass	3.50

Weigh 75 Lbs. per case.

For list of other finishes see page 5.



Wrought Steel Cellar Window Sets

This set consists of one pair of 2x2 Heavy Broad Butts, one 2½ in. Hook with two eyes, and a good, substantial fastener, as illustrated.

Packed one set in a box complete with screws. One gross in a wooden case.

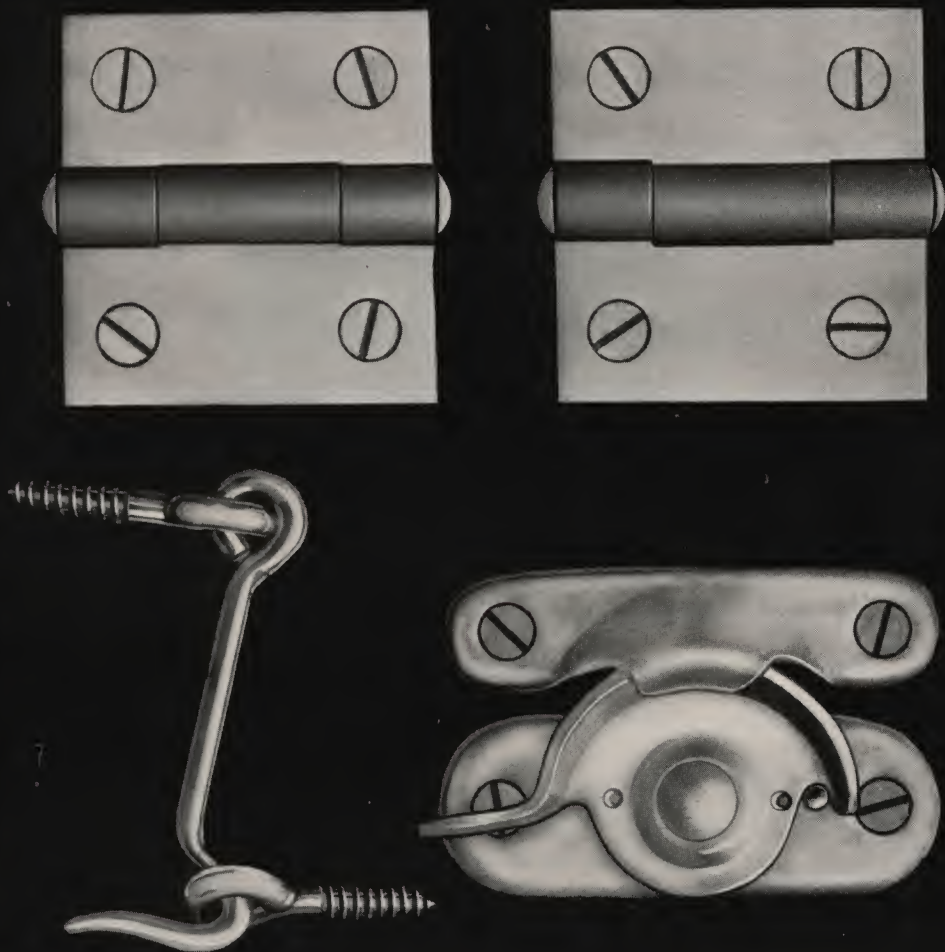
This set has been designed to meet the requirements of large buyers who desire a set which can be sold cheaply, and which will serve the purposes of a higher priced set.

Furnished either Galvanized or Japanned.

No. 154-G	Galvanized	\$16.00
No. 154-J	Japanned	15.00

Prices are per gross sets, with screws to match.

Weigh 70 Lbs. per case.



Wrought Steel Cellar Window Sets

All parts heavily galvanized to prevent rusting.

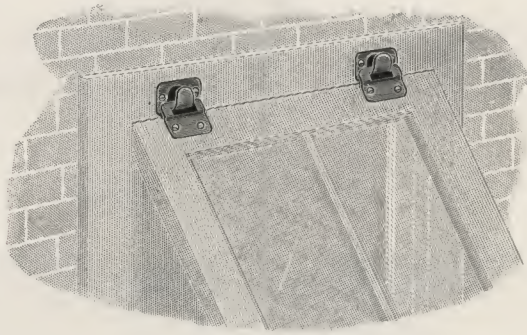
Packed one set in a paper box, complete with screws, twelve sets in a carton, and one gross in a wood case.

The set as illustrated contains one pair 2x2 in. Heavy Broad Butts, same as our No. 8080 Butt, one only No. 174 Steel Sash Lock, one only 2½ in. Hook and Eye.

No. 153-G	Galvanized	\$26.50
No. 153-J	Japanned	24.00

Prices are per gross sets, with screws to match.

Weigh 72 Lbs. per gross sets.



Automatic Screen and Storm Sash Hangers

No. 151-J, Japanned

Screen and storm windows hung with these hangers can be easily removed from the inside.

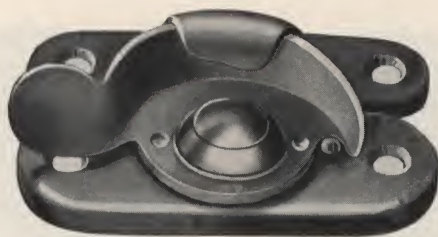
For ventilating, or cleaning windows, simply swing the sash out.

The directions for hanging sash with these hangers are very simple. Screw the male parts of these hangers to the top of the window frame, and the female parts to the sash directly below the male parts. Raise the sash until the hangers engage with the hooks on the upper part. The sash is then in position, and the work finished.

The No. 151-J Hangers are nicely Japanned and packed one dozen sets in a paper box, with screws. No. 151-G Hangers are heavily galvanized and packed with galvanized screws. Thirty-six dozen packed in a wooden case.

Extra bottoms can be furnished, packed two dozen in a box, with screws.

Weigh 35 Lbs. per gross.



Pressed Steel Sash Locks

This illustration shows our new Sash Lock.

It is made of the finest quality of Cold Rolled Steel, and furnished in any of the plated finishes.

We consider our method of fastening the Spring superior to all others. It is absolutely impossible for it to break or come off.

This Lock will positively pull the windows together.

List Prices

No. 174-OC	Old Copper	\$10.00
No. 174-OCS	Old Copper Sand Finish	11.00
No. 174-Bz	Bronze	10.00
No. 174-DB	Dull Brass	10.00
No. 174-OB	Oxidized Brass	10.00
No. 174-OBS	Oxidized Brass Sand Finish	11.00
No. 174-N	Nickel	11.00
No. 174-J	Japanned	7.00

Weigh 24 Lbs. per gross.

Packed one dozen in a box, with screws to match.

Six gross in a case.



No. 400



No. 401

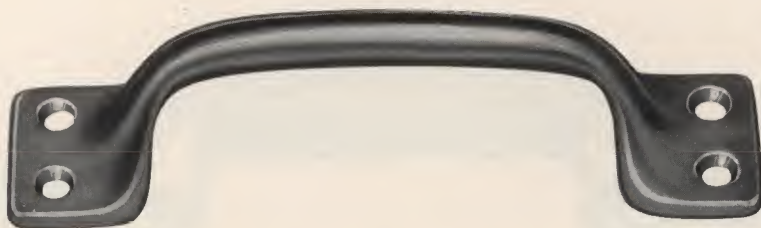
Wrought Steel Sash Lifts

Finish	Beveled Edge	Per Gross with Screws	Straight Edge	Per Gross with Screws
Old Copper.....	400-OC	\$3.60	401-OC	\$2.50
Old Copper Sand.....	400-OCS	4.00	401-OCS	2.90
Bronze.....	400-Bz	3.60	401-Bz	2.50
Dull Brass.....	400-DB	3.60	401-DB	2.50
Nickel.....	400-N	4.30	401-N	3.20
Oxidized Brass.....	400-OB	3.60	401-OB	2.50
Oxidized Brass Sand.....	400-OBS	4.00	401-OBS	2.90
Dead Black Electro Plate.....	400-DE	4.00	401-DE	2.90

For list of other finishes see page 5.

Packed three dozen in a box, with screws to match.

Weigh 8 Lbs. per gross.



All Steel Sash Lifts

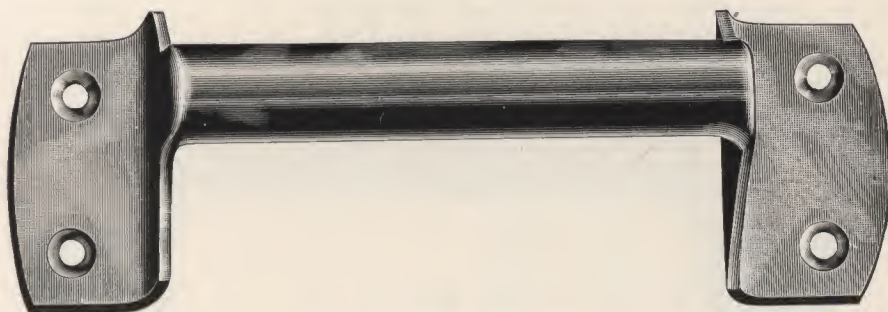
List Prices Per Gross

Number	Finish	4-inch per Gross with Screws	5-inch per Gross with Screws
No. 304-OC	Old Copper	\$9.00	\$10.00
No. 304-OCS	Old Copper Sand	10.00	11.00
No. 304-Bz	Bronze	9.00	10.00
No. 304-DB	Dull Brass	9.00	10.00
No. 304-N	Nickel	12.00	13.00
No. 304-OB	Oxidized Brass	9.00	10.00
No. 304-OBS	Oxidized Brass Sand	10.00	11.00
No. 304-DE	Dead Black Electro Plate	10.00	11.00

For list of other finishes see page 5.

Packed one dozen in a box, with screws to match.

4 in. weigh 20 Lbs. per gross, 5 in. $\frac{3}{4}$ Lbs.



Wrought Steel Bar Sash Lifts

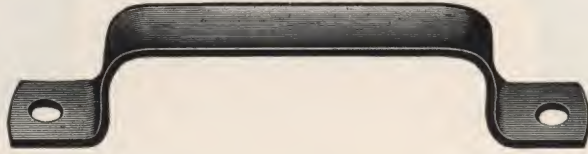
List Prices Per Gross

No. 404-DE	Dead Black Electro Plate	\$11.20
No. 404-OC	Old Copper	10.00
No. 404-OCS	Old Copper Sand Finish	11.20
No. 404-Bz	Bronze	10.00
No. 404-DB	Dull Brass	10.00
No. 404-N	Nickel	12.00
No. 404-OB	Oxidized Brass	10.00
No. 404-OBS	Oxidized Brass Sand Finish	11.20

One size only, $4\frac{1}{2}$ inch.

Packed one dozen in a box, with screws to match.

Weigh 21 Lbs. per gross.



Pressed Steel Door Handles

List Prices

Per Dozen

No. 2040-J	2¾ in. Japanned	\$0.36
No. 2040-J	3½ in. Japanned .....	.36
No. 2040-J	4½ in. Japanned .....	.48
No. 2040-OC	2¾ in. Old Copper .....	.50
No. 2040-OC	3½ in. Old Copper .....	.50
No. 2040-OC	4½ in. Old Copper .....	.60
No. 2040-OCS	2¾ in. Old Copper Sand Finish .....	.60
No. 2040-OCS	3½ in. Old Copper Sand Finish .....	.60
No. 2040-OCS	4½ in. Old Copper Sand Finish .....	.70
No. 2040-Bz	2¾ in. Bronze .....	.50
No. 2040-Bz	3½ in. Bronze .....	.50
No. 2040-Bz	4½ in. Bronze .....	.60
No. 2040-DB	2¾ in. Dull Brass .....	.50
No. 2040-DB	3½ in. Dull Brass .....	.50
No. 2040-DB	4½ in. Dull Brass .....	.60
No. 2040-N	2¾ in. Nickel .....	.70
No. 2040-N	3½ in. Nickel .....	.70
No. 2040-N	4½ in. Nickel .....	.80
No. 2040-OB	2¾ in. Oxidized Brass .....	.50
No. 2040-OB	3½ in. Oxidized Brass .....	.50
No. 2040-OB	4½ in. Oxidized Brass .....	.60
No. 2040-OBS	2¾ in. Oxidized Brass Sand Finish .....	.60
No. 2040-OBS	3½ in. Oxidized Brass Sand Finish .....	.60
No. 2040-OBS	4½ in. Oxidized Brass Sand Finish .....	.70

Furnished in Polished finishes when desired.

Packed three dozen in a box, with screws to match.

Weigh per box:

2¾ in.	1 Lb. 8 oz.
3½ in.	2 Lb. 8 oz.
4½ in.	3 Lb. 6 oz.



Pressed Steel Door Handles

List Prices

Per Dozen

No. 3040-DE	Dead Black Electro Plate	\$0.80
No. 3040-OC	Old Copper .....	.50
No. 3040-OCS	Old Copper Sand Finish .....	.70
No. 3040-Bz	Bronze .....	.50
No. 3040-DB	Dull Brass .....	.50
No. 3040-N	Nickel .....	.80
No. 3040-OB	Oxidized Brass .....	.50
No. 3040-OBS	Oxidized Brass Sand Finish .....	.80
No. 3040-J	Japanned .....	.36

Made of best quality Cold Rolled Steel in one size only, 3½ in. inside, and 5 in. over all.
Large and roomy, graceful in design and moderate in price.

Packed three dozen in a box, with screws.

Weigh 3 Lbs. per box.



Pressed Steel Door Handles

Japanned

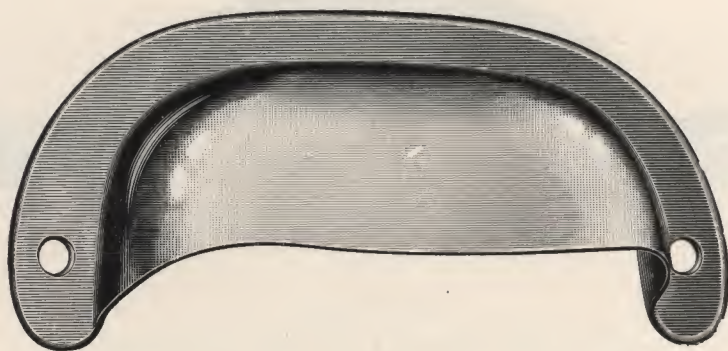
List Prices

No. 206	4½ in.	\$0.30
No. 207	6¼ in. ....	.50
No. 208	8 in. ....	.80

Packed one dozen in a box.

No. 206 and No. 207 are also packed three dozen in a box.

4½ in. weigh 1½ Lbs.; 6¼ in., 2½ Lbs., and 8 in., 4½ Lbs. per dozen.



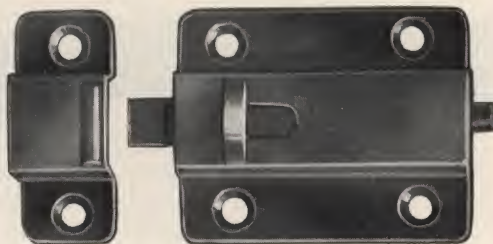
Pressed Steel Drawer Pulls

List Prices

Number	Finish	3¼-inch	3¾-inch	
No. 2240-J	Japanned	\$3.00	\$3.60	Gross
No. 2240-OC	Old Copper	6.00	7.20	"
No. 2240-OCS	Old Copper Sand	7.20	8.40	"
No. 2240-DB	Dull Brass	6.00	7.20	"
No. 2240-Bz	Bronze	6.00	7.20	"
No. 2240-N	Nickel	8.40	9.00	"
No. 2240-OB	Oxidized Brass	6.00	7.20	"
No. 2240-OBS	Oxidized Brass Sand	7.20	8.40	"

Packed 3 dozen in a box, with screws.

Weight: 3¼ in., 3 Lbs. per box; 3¾ in., 4½ lbs. per box.



Pressed Steel Cupboard Catches

List Prices

Number		Per Dozen
No. 133-OC	Old Copper	\$1.60
No. 133-DB	Dull Brass	1.60
No. 133-Bz	Bronze	1.60
No. 133-OB	Oxidized Brass	1.60
No. 133-N	Nickel	2.00

For other finishes see page 5.

Made of Cold Rolled Steel.

Packed one dozen in a box, with screws.



Pressed Steel Cupboard Turns

List Prices

No. 134 Oval Handle	No. 135 Square Handle	Finish	List per Dozen
134-OC	135-OC	Old Copper	\$2.00
134-OCS	135-OCS	Old Copper Sand	2.25
134-DB	135-DB	Dull Brass	2.00
134-Bz	135-Bz	Bronze	2.00
134-OB	135-OB	Oxidized Brass	2.00
134-OBS	135-OBS	Oxidized Brass Sand	2.25
134-N	135-DE	Nickel	2.40
134-DE	135-N	Dead Black Electro Plate.....	2.25

Made of Cold Rolled Steel.

Packed one dozen in a paper box, with screws.

Weight, $2\frac{1}{4}$ Lbs. per dozen.



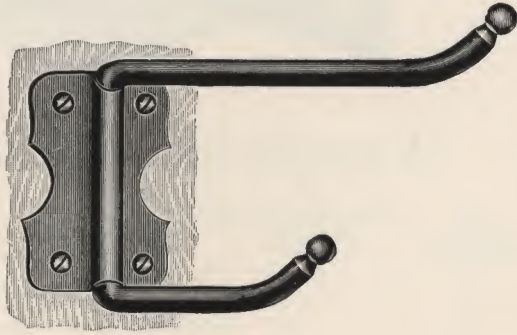
All Steel Coat and Hat Hook

List Price Per Dozen

No.	Finish	3 in.	4 in.	5 in.
No. 23-OC	Old Copper	\$0.80	\$0.90	\$1.00
No. 23-OCS	Old Copper Sand	1.00	1.10	1.20
No. 23-DB	Dull Brass .....	.80	.90	1.00
No. 23-Bz	Bronze .....	.80	.90	1.00
No. 23-OB	Oxidized Brass .....	.80	.90	1.00
No. 23-OBS	Oxidized Brass Sand	1.00	1.10	1.20
No. 23-N	Nickel	1.10	1.20	1.40
No. 23-DE	Dead Black Electro Plate.....	1.00	1.10	1.20
No. 23-J	Japanned .....	.60	.70	.80

Packed three dozen in a box, with screws.

3 dozen 3 in. hooks weigh	3½	Lbs.
3 dozen 4 in. hooks weigh	5	Lbs.
3 dozen 5 in. hooks weigh	8	Lbs.



All Steel Coat and Hat Hook

List Prices Per Dozen

No. 24-J	4 in. Japanned .....	.70
No. 24-J	5 in. Japanned .....	.80
No. 24-DE	4 in. Dead Black Electro Plate	\$1.10
No. 24-DE	5 in. Dead Black Electro Plate	1.20
No. 24-OC	4 in. Old Copper .....	.90
No. 24-OC	5 in. Old Copper	1.00
No. 24-OCS	4 in. Old Copper Sand Finish	1.10
No. 24-OCS	5 in. Old Copper Sand Finish	1.20
No. 24-Bz	4 in. Bronze .....	.90
No. 24-Bz	5 in. Bronze	1.00
No. 24-DB	4 in. Dull Brass .....	.90
No. 24-DB	5 in. Dull Brass	1.00
No. 24-N	4 in. Nickel	1.20
No. 24-N	5 in. Nickel	1.40
No. 24-OB	4 in. Oxidized Brass .....	.90
No. 24-OB	5 in. Oxidized Brass	1.00

Packed three dozen in a box, with screws.

3 dozen 4 in. Hooks weigh	7 Lbs.
3 dozen 5 in. Hooks weigh	11 Lbs.



Wrought Steel Corner Braces

Size Length of Sides, Inches	No. 130 Plain Steel per Dozen	No. 130-G Galvanized per Dozen	Width Inches	Size of Screw
1	\$0.20	\$0.28	$\frac{1}{2}$	7
2	.40	.55	$\frac{5}{8}$	8
3	.60	.80	$\frac{3}{4}$	9
4	1.00	1.30	$\frac{7}{8}$	10
5	1.50	2.00	1	11
6	1.80	2.40	$1\frac{1}{8}$	11

3 inch and smaller packed two dozen in a box; 4 inch and larger, one dozen.



No. 131 Wrought Steel Flat Corner Irons

Plain Steel

Length of Sides Inches	Width Inches	Per Dozen
2	$\frac{3}{8}$	\$0.22
$2\frac{1}{2}$	$\frac{3}{8}$	.24
3	$\frac{5}{8}$	.33
$3\frac{1}{2}$	$\frac{3}{4}$	.40
4	$\frac{7}{8}$	.50
5	$\frac{7}{8}$	.58
6	1	.67

Two dozen in a box.



Wrought Steel Corner Irons

Made of No. 12 Steel.

Length of sides, 4½ inches.

No. 132.

Size, width, inches....	¾	7⁄8	1	1¼	1½
Per Dozen	\$0.56	\$0.56	\$0.56	\$0.71	\$0.85

Countersunk for No. 9 Screw.

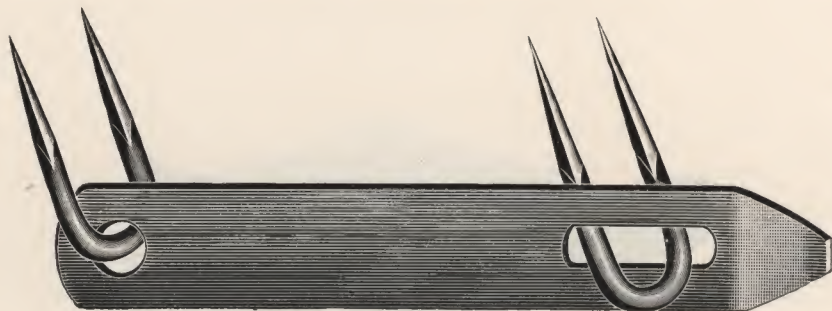
Two dozen in a box.



Wrought Steel Mending Plates

Size, Length Inches	No. 133 Plain Steel	No. 133-G Galvanized	Width Inches	Screw Holes	Size of Screw
2	\$0.30	\$0.37	5⁄8	2	7
3	.40	.50	¾	4	7
4	.50	.65	7⁄8	4	8
5	.60	.78	1	4	8
6	.70	.95	1½	4	9

Two dozen in a box.



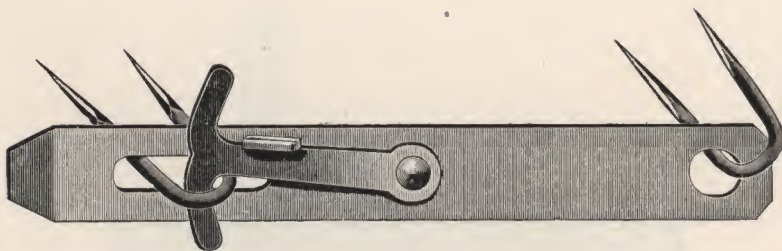
Wrought Hasps and Staples

List Prices Per Dozen

	5-in.	6-in.	7-in.	8-in.	9-in.	10-in.
Bright Steel	\$0.90	\$1.00	\$1.10	\$1.30	\$1.70	\$2.00
Weigh per doz.	2	2¼	2¾	3¼	4½	5

Extra Heavy

	8-in.	9-in.	10-in.
Bright Steel	\$2.75	\$3.25	\$3.75
Weigh per dozen	6½	8	9



Wrought Hasp Hook and Staples

List Prices Per Dozen

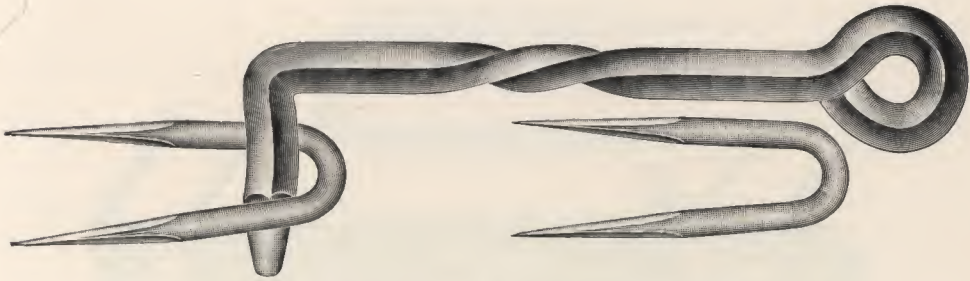
	5-in.	6-in.	7-in.	8-in.	9-in.	10-in.	12-in.
Bright Steel	\$1.20	\$1.40	\$1.60	\$1.80	\$2.20	\$2.50	\$3.84
Weigh, per dozen.....	2	2½	3½	4	5½	6	8

Extra Heavy

	8-in.	9-in.	10-in.
Bright Steel	\$4.00	\$4.50	\$5.00
Weigh per dozen	7½	8¼	10

All packed one dozen in a box, with Staples.

Can be furnished in Japanned or Galvanized if desired.



Wrought Square Hooks and Staples

Diamond Pattern

List Prices Per Gross

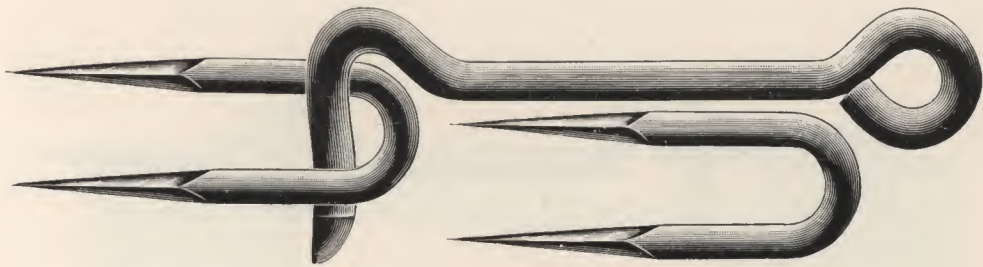
Regular

3 inch	\$8.00
3½ inch	9.00
4 inch	10.00
4½ inch	11.00
5 inch	12.00
5½ inch	13.00
6 inch	14.00

Extra Heavy

4 inch	\$13.00
5 inch	16.00
6 inch	19.00

Packed one-quarter gross in a box.

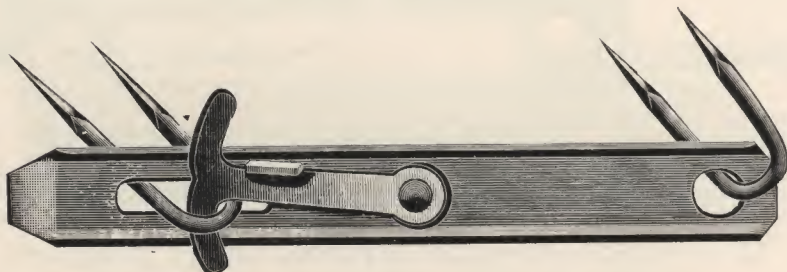


Wire Hooks and Staples

List Prices Per Gross

4 inch (¼ x 4)	\$15.00
4½ inch (¼ x 4½)	16.50
5 inch (¼ x 5)	22.50
5 inch (⅝₁₆ x 5)	24.00
6 inch (⅝₁₆ x 6)	30.00

Quarter gross in a box.



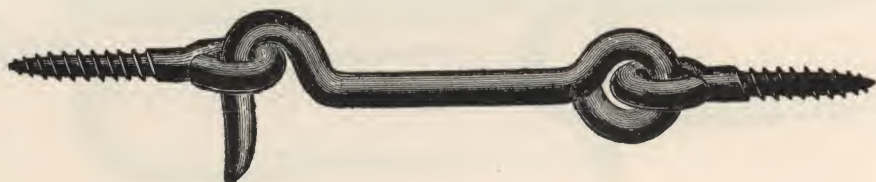
No. 120 Channel Hasp With Hook and Staples

Something entirely new in an article which has known no improvement in many years. The edges of this Hasp are turned up $\frac{3}{16}$ of an inch, giving it three times the strength of the regular Hasp. The hole for the hook rivet is embossed so as to bring the hook even with the raised edges of the Hasp.

We furnish these in two sizes, 6 inch and 8 inch, packed one dozen in a box, complete with Staples.

List Prices

6 inch	\$1.80 per dozen
8 inch	2.00 per dozen



Bright Wire Gate Hooks and Eyes

List Prices

	Per Gross
1½ inch (1 gross in box)	\$4.00
2 inch (½ gross in box)	5.00
2½ inch (½ gross in box)	6.00
3 inch (½ gross in box)	7.50

These hooks can also be furnished in Japanned or Plated Finishes if desired.



Wrought Staples

List Prices Per Gross

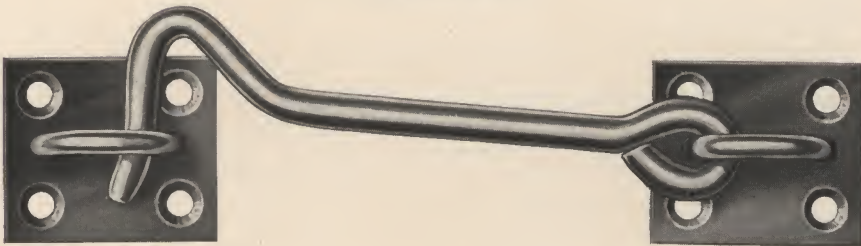
Size	Bright Wire	Japanned	Galvanized	Weight per Gross
1	\$1.20	\$1.40	\$1.80	15 oz.
1¼	1.20	1.40	1.80	1 Lb. 2 oz.
1½	1.25	1.50	2.25	1 Lb. 12 oz.
1¾	1.50	1.75	2.50	2 Lb. 3 oz.
2	1.70	2.00	3.00	3 Lb.
2¼	2.00	2.35	3.50	3 Lb. 6 oz.
2½	2.35	2.75	4.00	4 Lb. 3 oz.
2¾	2.65	3.10	5.00	5 Lb. 3 oz.
3	3.20	3.75	6.00	6 Lb. 4 oz.
3½	3.70	4.35	7.00	7 Lb. 5 oz.
4	5.25	6.20	9.00	11 Lb.
1½-3 Assorted	2.00	2.40	3.75	3 Lb.
1½-3½ Ass'td	2.10	2.60	4.00	3 Lb. 8 oz.

Heavy Wrought Staples

Bright Wire, Per Gross

¼x2 inch	\$3.40
¼x2¼ inch	4.00
¼x2½ inch	4.70
¼x2¾ inch	5.30
¼x3 inch	6.40

Packed in Bulk

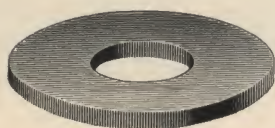


Wire Hooks with Plate Staples No. 121

List Prices Per Gross

5 inch (5¼x5)	\$30.00
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Quarter Gross in a box.



Wrought Steel Washers

List Prices

Diameter	Size of Hole	Size of Bolt	Price per 100 Lbs.
$\frac{9}{16}$	$\frac{1}{4}$	$\frac{3}{16}$	\$14.00
$\frac{3}{4}$	$\frac{5}{16}$	$\frac{1}{4}$	12.20
$\frac{7}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	11.40
1	$\frac{7}{16}$	$\frac{3}{8}$	10.50
$1\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	9.80
$1\frac{3}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	9.40
$1\frac{3}{4}$	$1\frac{1}{16}$	$\frac{5}{8}$	9.20
2	$1\frac{3}{16}$	$\frac{3}{4}$	9.10
$2\frac{1}{4}$	$1\frac{5}{16}$	$\frac{7}{8}$	9.00
$2\frac{1}{2}$	$1\frac{1}{2}$	1	9.00

Packed in 5-pound boxes



